

## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.



1883 ~ 56<sup>th</sup> Annual Catalog ~ 1939

# OSCAR H. WILL & CO.



• BISMARCK, • NORTH • DAKOTA •



THRESHING CORN IN A MANDAN INDIAN VILLAGE

PIONEER SEED HOUSE  
NURSERY & GREENHOUSES  
OF THE NORTHWEST

Seed Corn Specialists - Seeds - Trees - Plants

A Page  
of  
**WILL'S  
SPECIAL**  
**Out-  
standing  
and  
NEW**  
**Varieties**



**MANDAN EARLIANA TOMATO**

Developed at the Northern Great Plains Field Station, U. S. Department of Agriculture, Mandan, North Dakota, for DROUGHT RESISTANCE, YIELD AND QUALITY.

See Page 42.  
Pkt., 20c; 1/2 oz., 50c; oz., 85c.

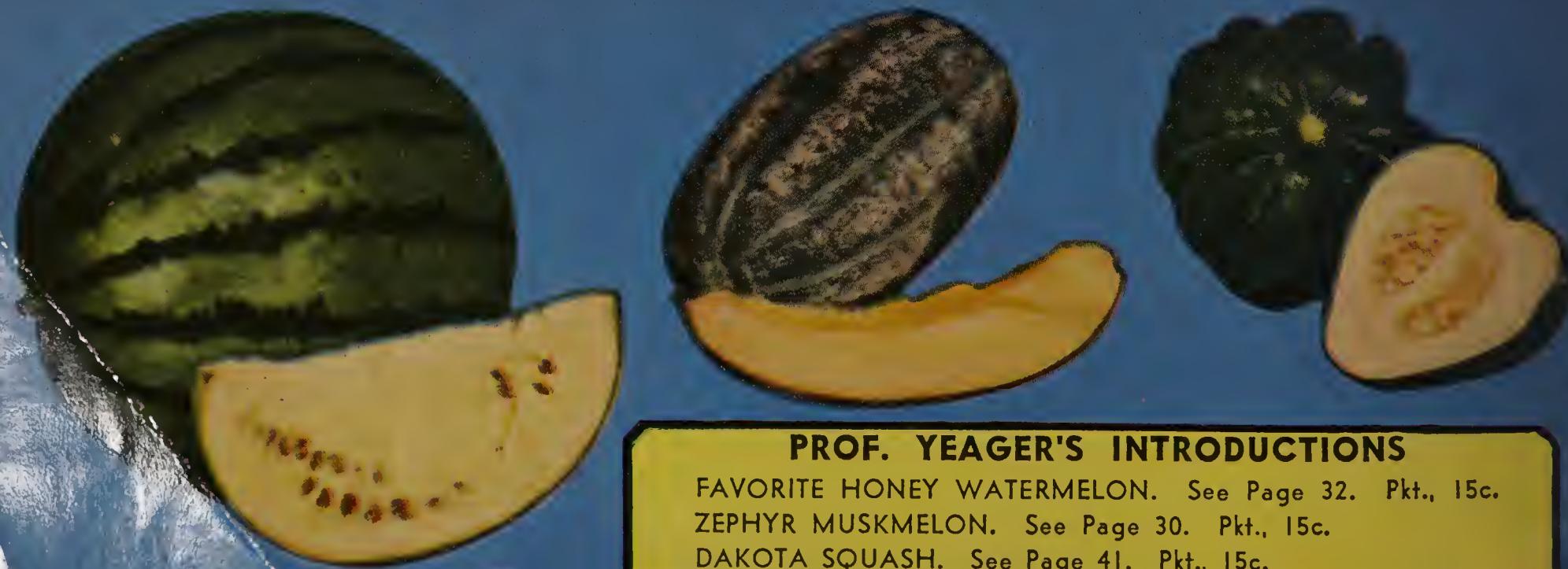
**ADA  
BLACK JACK  
PHLOX**

PRICE  
Postpaid, each

**25c**

5, \$1.00

The Very Hardy and Thrifty Phlox of Manitoba Origin which surpasses anything we have yet tried for hardiness. For further description see page 67.



**PROF. YEAGER'S INTRODUCTIONS**

FAVORITE HONEY WATERMELON. See Page 32. Pkt., 15c.  
ZEPHYR MUSKMELON. See Page 30. Pkt., 15c.  
DAKOTA SQUASH. See Page 41. Pkt., 15c.  
THREE PACKETS, ONE OF EACH FOR 35c.

# OUTSTANDING ITEMS FOR 1939



## YEAGER'S RED SKIN TOMATO

The latest Yeager Tomato. May be seeded directly in the ground like Farthest North and will mature fruit just about as early.

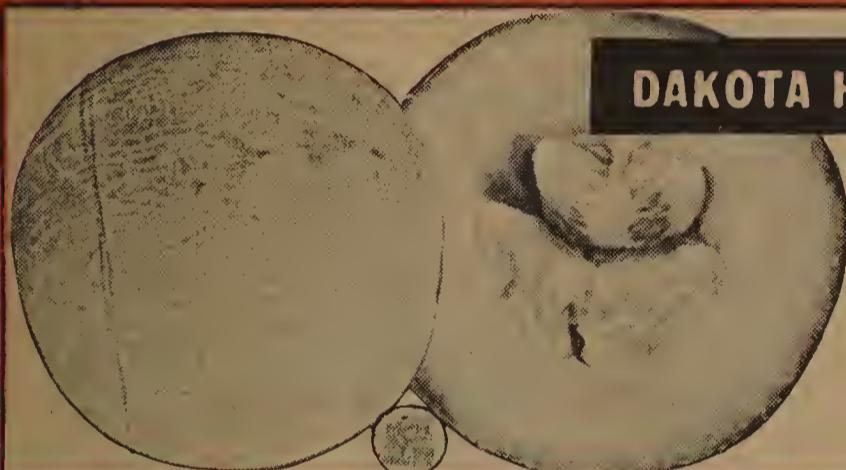
Larger than Farthest North—2 to 2½ in. in diameter. Bushes are determinate like Bison and literally loaded with fruit. Postpaid, pkt., 25c.



## NEW ZEALAND DWARF LARKSPUR

This lovely dark blue delphinium came to us from a New Zealand gardener. It seldom exceeds 2 ft. in height, is bushy and literally covered with fine dark blue blooms in the regular chinensis type of spikes.

It suggests a thousand uses and increases tremendously the already great value of the larkspur in the Perennial Garden. No lover of flowers should be without this dainty little gem. Price, each, 15c; 10, \$1.25; postpaid, each, 18c; 10, \$1.55.



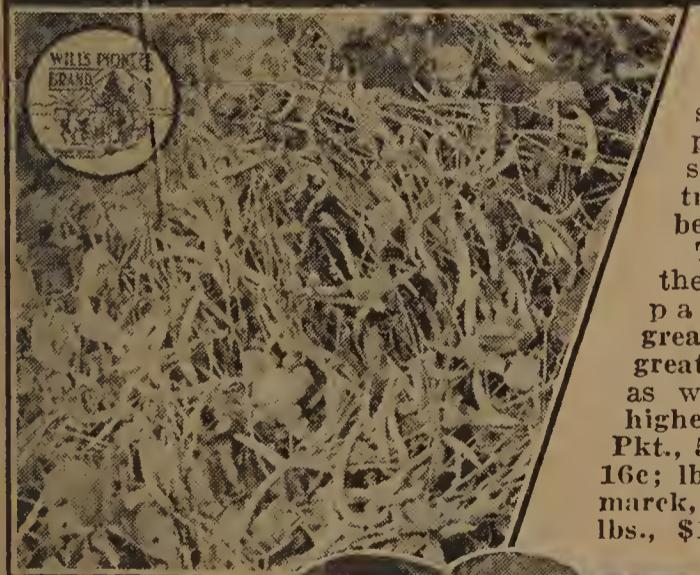
## DAKOTA HONEY ROCK MUSK MELON

Perhaps generally regarded as the most delicious of all the musk melons, Honey Rock has been disappointing to northern growers because of its lateness.

For more than ten years we have been selecting this wonderful variety for earliness, hardiness and productiveness without loss of quality.

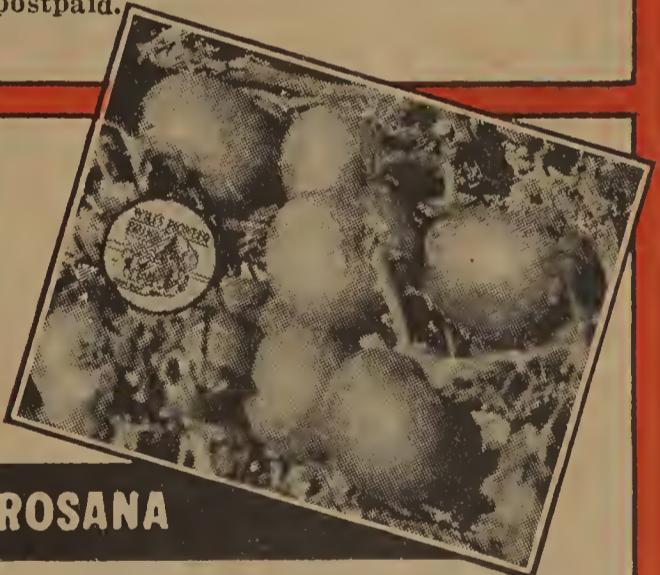
We believe that we have a good, early, true Honey Rock to offer this year. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 90c; lb., \$1.75, all postpaid.

## IDAHO NO. 56 GREAT NORTHERN BEANS



A second year of growing has demonstrated the great improvement in this new selection of the country's favorite baking bean.

This No. 56 has all the good points of its parent together with greater earliness and very great evenness in ripening as well as a considerably higher yield. Postpaid: Pkt., 5c; ¼ lb., 10c; ½ lb., 16c; lb., 30c. F. O. B. Bismarck, 10 lbs., \$1.50; 100 lbs., \$12.50.



## ROSANA

Another new tomato from the Northern Great Plains Field Station, Bureau of Plant Industry, U. S. D. A., Mandan, N. D. Result of long years of breeding, this is a good sized, very round, scarlet tomato, early, meaty and particularly adapted to Great Plains conditions. Pkt., 20c; ½ oz., 50c; oz., 85c, Postpaid.

## CHIPMAN'S CANADA RED RHUBARB



The best rhubarb of all the good Canadian varieties. One of the productions of the famous Canadian plant breeder, G. F. Chipman. As sturdy and prolific as McDonald, seedless. Produces the sweetest, finest flavored and most beautiful red sauce for dessert or in pies and shortcakes. Price, Postpaid, \$1.60 each.

# GENERAL INFORMATION

**HOW TO SEND MONEY.** Remittance should be made by Postoffice or Express Money Order or by Bank Draft. Personal checks on banks are accepted, but customers must pay exchange and collection charge of 5 cents. U. S. stamps are accepted.

**DELIVERY OF GOODS.** Goods may be sent by mail, express or freight. Postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs. Weight limit for Parcel Post to Canada 15 lbs. at 14c per lb. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

**EXPRESS AND FREIGHT.** Quotation F. O. B. here means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight. All prices are F. O. B. here unless quoted postpaid.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before accepting it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We can not insure plants and nursery stock so there is no recourse in case of delay and injury when mailed.

**PACKING.** No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

**KEEP A COPY OF YOUR ORDER.** Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with goods or notices sent.

**MISTAKES.** These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order

within a reasonable time.

**OUR RESPONSIBILITY.** It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands, especially goods like seeds and plants which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

**We wish it understood that all goods are sold under the following general non-warranty.**

We give no warranty, express or implied, as to the description, quality, productiveness or any other matter, of any seeds, bulbs, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on the above terms, no sale is made thereof, and they must be returned at once and money will be refunded.

However, we wish to call the attention of our customers to the fact that we make careful tests

of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented we should be notified at once and an immediate adjustment will be made.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station, we are glad to replace or refund. We do not guarantee nursery stock and plants after being taken from the express office, but are always willing to give attention to just claims for loss. We do not make C. O. D. shipments of perishable goods.

## PARCEL POST RATES

**Limit of weight, 70 lbs.**

**If You Do Not Know Which Zone Rate Applies, Consult Your Postmaster.**

**For Zones 1 and 2**—One pound is 8c; 2 lbs., 10c. Add 1c per pound to 10c for each additional pound weight or fractional pound of the package. Thus 7 pounds will be 10c plus 5 additional pounds at 1c per pound, or 15c.

**Zone 3**—One pound is 9c. For each additional pound add 2c.

**Zone 4**—One pound is 10c. For each additional pound add 3.5c.

**Zone 5**—One pound is 11c. For each additional pound add 5.3c.

**Zone 6**—One pound is 12c. For each additional pound add 7c.

**Zone 7**—One pound is 14c. For each additional pound add 9c.

**Zone 8**—One pound is 15c. For each additional pound add 11c.

## FREE PREMIUMS

With every order for vegetable and flower seeds of \$15.00 or more, for seed grain or nursery stock of \$25.00 or more we shall be glad to furnish on request one large white thermometer 13½ in. long and suitable for out of door use.

In place of the thermometer, for those preferring it, we can send the following book:

**Guide to Corn Growing in the American and Canadian Northwest.** (Sales price, 50c.) A complete handbook of Corn History, Corn Breeding, Corn Growing, Corn Varieties, and the handling of the crop; in popular form and non-technical language. Deals with all matters relating to corn production under the special requirements of Northwestern and Northern Great Plains conditions.





**W**E have had during the season of 1938 the best and most nearly perfect weather and rainfall in many years. Our territory actually blossomed like the rose and with the roses, also with grasses, grains and all growing things. It is true that we had cut worms, wire worms, blister beetles and grasshoppers. No drouth period ever closed without a final plague of insect pests. The ground contains subsoil moisture, the great drouth seems definitely over and we can look with reasonable assurance to the year ahead.

Our extremes of weather have amply proven to us in the past decade that special varieties of most plants are necessary for agricultural and horticultural success in the Northwest. These varieties must possess winter hardiness, drouth resistance, earliness, and other traits of adaptation. Above all they must have that high quality for which the products of our region are famous.

It is fine to realize that conditions again are favorable enough to Northern Great Plains growers so that they may turn their attention to, and place their emphasis upon, quality once more.

For 57 years we have devoted ourselves to producing quality seeds, trees, shrubs and plants adapted to our territory, and we feel that we have some accomplishments to our credit along that line. We do not and can not emphasize price above quality and fitness, but we believe that our prices are definitely very reasonable in comparison with the lowest, and more so for the special types and sorts which we have to offer. Our customers know our products and we believe that whoever gives them a trial will become a customer for future years.

In these days of political turmoil and threats of ill over much of the world the land with its fields and gardens is firm under the feet of those who seek it, and farming and gardening bring to their devotees a dignity, a peace and an humble self reliance which make them the great hope for sanity among all mankind. This fact, we believe, is typified for us in the little drawing of one of our self-reliant and patient Indian predecessors in Great Plains agriculture.



Something Extra of Our Own Selection Will Be Included with Every Order for Garden or Flower Seed Over 25 cts.

## WILL'S FLOWER SEED—All Flower Seed Postpaid

### WILL'S OLD-FASHIONED FLOWER GARDEN COLLECTION

One packet each of the following:

Bachelor Button, Mixed  
Balsam, Camellia Flowered  
Calendula, Orange King  
Cosmos, Early Flowering  
Single  
Dianthus, Chinese Pink  
Helichrysum, Mixed  
Marigold, French Mixed

Mignonette, Machet  
Morning Glory, Mixed  
Phlox, Drummondi  
Grandiflora  
Poppy, Mixed Carnation  
Portulaca, Single Mixed  
Stocks, Dwarf Ten Weeks  
Sweet William

Zinnia, Dahlia Flowered  
Gold Medal Mixture  
Also one ounce each of  
the following:  
Will's Pioneer Dwarf  
Mixed Nasturtiums  
Will's Imperial Mixed  
Sweet Peas

This \$1.33 Value—Postpaid for Only.....

75c

**AGERATUM—Blue Perfection** (A). One of the best border and bedding plants, 10 inches tall, quick growing and flowering freely from early summer to frost. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**ALYSSUM** (A). One of the finest annuals we have for edging. Compact plants, six inches high, completely covered with bloom throughout the season.

**LITTLE GEM.** Honey scented white blooms. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 35c.

**LILAC QUEEN.** Deep lavender lilac blossoms. Pkt., 5c;  $\frac{1}{4}$  oz., 15c.

**ANTIRRHINUM — SNAPDRAGON.**  
**MAXIMUM GIANT FLOWERED** (A\*). The best in Snapdragons. Can be sown outdoors with good results, but for early blooming should be started inside. Splendid for cutting, our mixture is unexcelled. Pkt., 10c;  $\frac{1}{8}$  oz., 30c;  $\frac{1}{4}$  oz., 50c.



Ageratum—Blue Perfection.



Alyssum—Little Gem.

#### KEY TO SYMBOLS

- (A) Annuals. (T) Tender.
- (B) Biennials. (C) Climbers.
- (P) Perennials. \* For cutting.

CUSTOMERS LIVING IN NORTH DAKOTA MUST ADD TWO PER CENT FOR SALES TAX TO THEIR REMITTANCES FOR NURSERY STOCK, DECORATIVE GREENHOUSE STOCK, INSECTICIDES, TOOLS AND SUPPLIES. THIS TAX DOES NOT APPLY TO SEEDS, FEEDS, ONION PLANTS OR VEGETABLE PLANTS.

## ASTERS (A\*)

The old favorite Chinese Aster brought up to date.

**Improved Crego Mixed—Wilt Resistant.** A beautiful midseason sort, growing 2 feet tall, with large blooms borne on long stems. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**Imbricated Pompon—Finest Mixed.** Mid-August flowering, upright 12 to 14 inch plants, bearing small round cushioned flowers, excellent for cutting and popular with florists. Pkt., 15c;  $\frac{1}{4}$  oz., 60c.  
For Aster Plants, see page 55.



Bachelor's Button.



Calendula—Sunshine.

**CALLIOPSIS—MIXED.** (A\*). A graceful, showy, sunshine loving plant, blooming from June to frost. The colors range through yellow to rich brown. Pkt., 5c;  $\frac{1}{4}$  oz., 15c.

**CAMPANULA—CANTERBURY BELLS—Annual Finest Mixed.** (A). With this new annual type started indoors in early spring, we can enjoy the glory of these dainty bell like blooms the same summer. Pkt., 10c;  $\frac{1}{4}$  oz., 45c.

**CANARY BIRD FLOWER.** (A-C). A beautiful climber with daintily cut foliage and charming canary like blossoms. Pkt., 10c;  $\frac{1}{2}$  oz., 20c.

## CARNA-TION (P\*)

These spicily fragrant flowers should be started indoors and while perennials are best sown each year, plants may be cut back in fall and potted for winter blooming.

### Margaret Mixed.

Very double, abundant blooms with good stems. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

**Chabaud Mixed.** Upright, robust plants, with extra large flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 55c.



Giant Flowering Candytuft.



Carnation—Margaret.

## BACHELOR'S BUTTON

### CORN FLOWER — CENTAUREA CYANUS. (A\*).

Easy to grow and blooms continuously. One of the most attractive hardy annuals.

**Double Blue** (Florist's Strain). Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**Double Mixed.** Pkt., 8c;  $\frac{1}{4}$  oz., 15c.

### BALSAM—Double Camellia Flowered Mixed.

(A). An old favorite, the bushy plants develop rapidly and the double flowers cluster showily along the main stalk. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

### BEANS — SCARLET RUNNER. (A-C).

A rapid growing climber, reaching a height of 10 to 12 feet, and bearing

sprays of brilliant scarlet pealike blossoms. Desir able for snap or green shell Beans and an ideal

fence cover. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 45c.

### BOUNCING BET—SAPONARIA OFFICINALIS. (P).

An old, hardy favorite of easy culture, growing 12 to 18 inches high with close phlox-like heads of white or pinkish white blooms throughout most of the summer. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

## CALENDULA

**POT or SCOTCH MARIGOLD.** (A\*). Growing anywhere and blooming from early summer until frost, this is one of the most honest and satisfactory flowers we have.

**Orange King.** A deep orange and very double. Pkt., 5c;  $\frac{1}{4}$  oz., 15c.

**Sunshine or Chrysanthemum.** A newer type of Calendula, long stemmed Chrysanthemum shaped large buttercup yellow flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.



Mixed Improved Crego Aster.



Double Camellia-Flowered Balsam.

## CANDYTUFT (A\*)

Easily grown dwarf plants, blooming throughout the summer, fine for edging, beds and borders.

**Giant White Hyacinth Flowered.** Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Giant Flowering Mixed.** Pkt., 5c;  $\frac{1}{2}$  oz., 15c.

Apr. 27, 1938.

I took 3 firsts and 1 second in the flower div. and we took 14 firsts in the vegetables at the Crow Wing Co. fair, from seeds bought from you.

Eddie Gange, Pequot, Minn.

If you wish any sort of Flower Seed not listed here, ask us about it. If we cannot supply it, we'll try to tell you where it may be obtained.



Clarkia—Double Mixed.

Columbine.  
Long Spurred.

Sensation Cosmos.



Unwin's Dahlia.

**CELOSIA—COCKSCOMB**

(A). A very showy and colorful group, easily grown and readily dried for winter bouquets.

**DWARF CRESTED MIXED (Cristata).**

Plants 1 foot tall topped by large ruffled cockscombs. Color range from yellow through red. Pkt., 10c;  $\frac{1}{4}$  oz., 45c.

**OSTRICH PLUMED or FEATHERED**

**MIXED (Plumosa).** 2 to 3 feet plants, with graceful stately plumes resembling ostrich feathers above the foliage. Pkt., 8c;  $\frac{1}{4}$  oz., 30c.

**CHINESE WOOLFLOWER MIXED**

**(Childsii).** Plants grow from 2 to 3 feet high with flower heads resembling bright colored, loose balls of wool. Pkt., 10c;  $\frac{1}{4}$  oz., 45c.



Dwarf Crested Cockscomb

**CENTAUREA IMPERIALIS—GIANT SWEET SULTAN (A\*).** The finest of all Sweet Sultans for cut flowers. The large, sweet-scented and thistle-like blooms are borne gracefully on long strong stems. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

**CHINESE LANTERN PLANT (Physalis Franchetti) (P).** Produces lantern-like fruits that turn bright orange red when ripe. They should then be cut, the leaves trimmed, and the fruits will retain their color through the winter. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**CHRYSANTHEMUM CORONARIUM—FRENCH MAR-**

**GUERITE (A).** Compact plants, 2 feet high, with handsome double flowers, 1 1/2 inches in diameter, in white and shades of yellow. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**CLARKIA—DOUBLE MIXED (A\*).** Graceful plants with richly colored double rosette-like flowers almost covering the upright branches. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**COBOEA SCANDENS—CATHEDRAL BELLS (A-C).** A most handsome and rapid growing climber. The flowers are large and bell shaped. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**COLUMBINE—AQUILEGIA—LONG SPURRED MIXTURE**

(P). A hardy, graceful, June blooming perennial, 2 feet high. The dainty, long spurred flowers of our mixture range in color from purple through yellows to white. Pkt., 10c;  $\frac{1}{4}$  oz., 60c.

For Columbine Roots see Page 67.



Double Crested Cosmos.

**COSMOS**

(A\*). Growing 4 to 5 feet tall, branching freely with feathery foliage, and blooming abundantly from late July until frost, Cosmos is especially effective in screens and borders.

**SENSATION MIXED.** Extra Early Giant Flowering with blooms 4 to 5 inches in diameter. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**ORANGE FLARE.** Brilliant orange flowers—free blooming. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**EARLY MAMMOTH FLOWERING SINGLE MIXED.** Blooming early enough to satisfy the wants of flower lovers in this section. Tall plants with huge blooms. Pkt., 5c;  $\frac{1}{4}$  oz., 15c.

**EARLY FLOWERING DOUBLE CRESTED MIXED.** Sometimes called Anemone flowered, this is one of the finest Cosmos for cutting. About 65% of the blooms are double. Pkt., 10c;  $\frac{1}{4}$  oz., 65c.

**WILD CUCUMBER (A-C).** The quickest growing climber we have. Fragrant white flowers are followed by ornamental prickly seed pods. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c.

**SUMMER CYPRESS—BURNING BUSH (A).** Ornamental rapid grower, 2 to 3 feet high, with cypress-like appearance. Light pea green leaves change to purplish red in fall. Pkt., 5c;  $\frac{1}{2}$  oz., 15c.

**CYPRESS VINE (A-C).** An attractive climber with dark green feathery foliage and star shaped flowers. Pkt., 5c;  $\frac{1}{2}$  oz., 25c.

**DAHLIA—UNWIN'S DWARF HYBRIDS (TP\*).** Blooms in 60 days from seed. Plants are 2 feet tall with semi-double flowers, 3 inches across. Tubers are produced which may be saved. Pkt., 15c.

**DIGITALIS—FOXGLOVE (P).** Easily grown semi-hardy, stately perennial reaching a height of from 2 to 4 feet and producing long spikes of beautiful tubular flowers. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.



Single Early Cosmos.



African Daisy.



Dianthus—Clove Pink.



Helichrysum.



Pioneer Double Hollyhock.

For Hollyhock Roots see Page 67.

**ICE PLANT**—*Mesembryanthemum Crystallinum* (A). A trailing plant with singularly icy foliage. Especially useful in rock garden. Pkt. 5c.

## LARKSPUR

**ANNUAL GIANT IMPERIAL MIXED** (A\*). The long spikes of gay double blooms and finely cut feathery foliage make Larkspur one of our most valuable garden flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.**DELPHINIUM—PERENNIAL LARKSPUR** (P\*).**GOLD MEDAL MIXTURE**. This beautiful and stately perennial is much used for backgrounds and cutting. The great spikes of glorious blooms range in color from pale blue to indigo. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.**NEW ZEALAND DWARF**. A profuse bloomer, growing 18 inches high. The flowers are dark blue. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

For Perennial Larkspur Roots, See Page 67.

## DAISIES

**SHASTA DAISY**—*Alaska* (P\*). Can be grown out of doors anywhere with light winter protection. The flowers are large with glistening white petals and small golden centers. Pkt., 10c;  $\frac{1}{4}$  oz., 60c.**PAINTED DAISY**—*Pyrethrum Rosea*—Single Mixed (P\*). This hardy Persian Daisy is 2 feet tall with fern like foliage. It is easily grown, blooms in May and June and is a splendid cut flower. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

For Shasta and Painted Daisy roots, see page 67.

**AFRICAN DAISY**—*Dimorphotheca Aurantiaca Hybrids* (A\*). An easily grown, beautiful and extremely showy annual from South Africa. Plants grow 1 foot high and enjoy a sunny location. This is one of the loveliest of flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

Dianthus—Chinese Pink.



Four O'clock.

## DIANTHUS

An abundant and brilliant bloomer, averaging 1 foot high, adapted to borders, beds, and rock gardens.

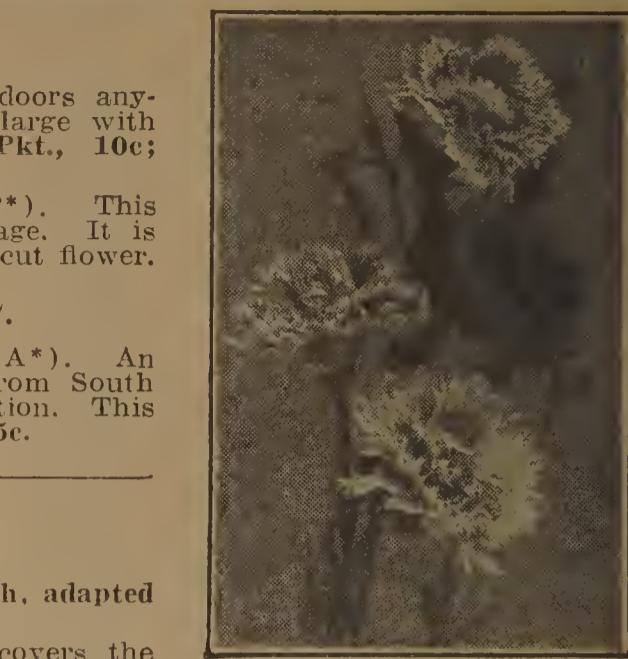
**CHINESE PINK MIXTURE** (A\*). Our double mixture covers the complete color range and includes not only the old standard sorts, but all the newest spotted, striped and fringed varieties. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.**GRASS or CLOVE PINK MIXTURE** (P\*). Hardy, with grassy foliage and thin wiry stems, our Plumarius mixture includes both single and double blooms of this spicy fragrant and deeply fringed flower favorite. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.**FORGET-ME-NOT** (P). Best treated as an annual in this section, although it often winters with some protection. The dainty, clear blue flowers flourish in partial shade. Pkt., 10c.**FOUR O'CLOCK**—*Marvel of Peru* (A). An old fashioned bushy, thrifty plant with bright blooms opening in afternoon and on cloudy days. Freely flowering from midsummer to frost. A fine annual hedge. Pkt., 5c; oz., 25c.**GAILLARDIA**—*Blanket Flower* (P\*). This hardy native perennial blooms from July until frost. Thriving anywhere, this gives you combinations of yellow and red. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.**GERANIUM** (TP). Sown early in the spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. Our mixture is of the largest and finest strains. Pkt., 10c.**GOURLDS** (AC). A valuable class of annual climbers. If allowed to ripen on the vines, the gourds can be kept for months as unique ornaments.**NEST EGG**. The color, shape and size of a nest egg. Pkt., 10c; oz., 35c.**DISHCLOTH**. With enormous fruits 2 feet long, the spongy interior fibre is an excellent scrubbing material. Pkt., 10c; oz., 35c.**SMALL FRUITED MIXED**. All shapes, colors and markings. Pkt., 8c; oz., 25c.**GYPSOPHILA**. Thrive almost anywhere and give a charming misty effect in bouquet or border with their many tiny blossoms.**ELEGANS GRANDIFLORA ALBA**—*Angel's Breath* (A\*). Pure white, large flowered. Pkt., 5c;  $\frac{1}{2}$  oz., 15c.**PANICULATA**—*Baby's Breath* (P\*). Fine white flowers in June and July. May be dried for winter bouquets. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.**HELICHRYSUM**—**DOUBLE STRAWFLOWER** or **EVERLASTING** (A\*). The finest and most widely grown of all Everlastings. Ornamental when growing with its wide range of color and much prized for winter bouquets. Pkt., 8c;  $\frac{1}{4}$  oz., 20c.**HELIOTROPE**—**Mixed** (TA). Fragrant, beautiful and long blooming it is easily grown and fine for either bedding or pot plant. Pkt., 10c;  $\frac{1}{4}$  oz., 60c.

## HOLLYHOCK

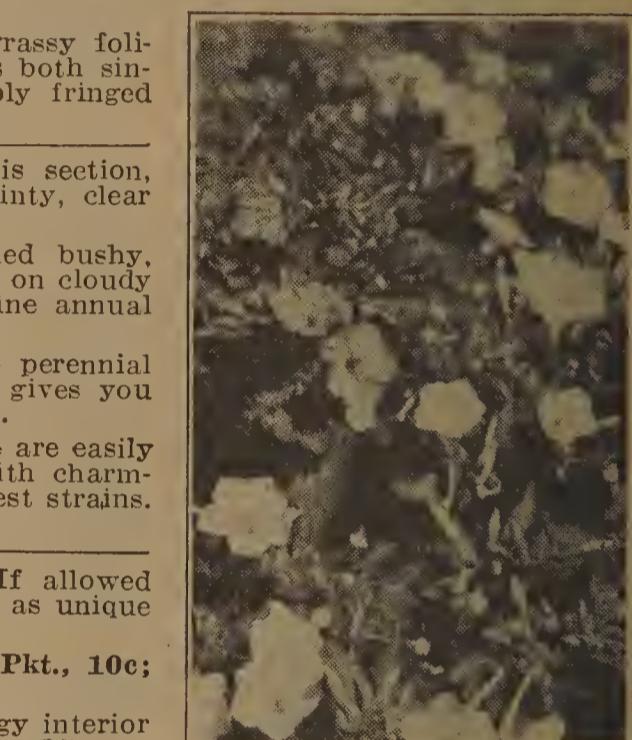
Among shrubs, as screen or background, the tall and stately Hollyhock has its place in every garden.

**PIONEER**—**Double Mixed** (P). This will not bloom the first year unless planted indoors by March. Our mixture comprises all shades. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.**BISMARCK**—**Single Mixture** (P). The single sorts are slightly harder and more vigorous than the doubles. Our mixture is equal to any. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.**ANNUAL**—**Double Mixed** (A). If sown in the open ground in May will bloom in August. Our mixture is double and semi-double. Pkt., 10c;  $\frac{1}{4}$  oz., 40c.

Annual Larkspur.



Dianthus—Chinese Pink.



Four O'clock.



Annual Larkspur.



## LAVATERA-MALLOW

**ROSEA SPLENDENS—SWISS ROSE** (A\*). An annual Mallow with very large, bright, rose flowers, showy and effective for border and cutting. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.  
**PERENNIAL SIBERIAN** (P). A beautiful, giant, hardy pink Mallow brought from Siberia by Professor N. E. Hansen. Pkt., 10c.

## LINUM-FLAX

**SCARLET FLAX—GRANDIFLORUM RUBRUM** (A). Brilliant crimson flowers. For continuous bloom make successive plantings. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.  
**PERENNIAL BLUE** (P). Native to North Dakota and one of the most graceful, free flowering and dainty perennials we know. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**LOBELIA—CRYSTAL PALACE COMPACTA** (A). The 6 inch plants are fairly covered with dainty deep blue flowers. Fine for edgings, beddings and pot culture. Pkt., 10c;  $\frac{1}{4}$  oz., 70c.  
**MALLOW—RED POPPY** (P). A hardy, easily grown low perennial bearing purplish red flowers throughout the summer. Pkt., 10c.

## MARIGOLD

A wealth of colorful decorative blossoms from midsummer to frost. Lovely for cutting.

**Tall African Marigold.** **GIGANTEA SUNSET HYBRIDS.** The largest Marigold yet developed, its delicately sweet scented flowers average 5 inches in diameter. The plants are from 3  $\frac{1}{2}$  to 4 feet tall. Though a small percentage of single flowers may be expected, the size and beauty of the blooms will repay the planter. Pkt., 15c;  $\frac{1}{4}$  oz., 90c.

**GUINEA GOLD.** The large, double, carnation like blooms are a brilliant golden orange. This is deservedly one of the most popular Marigolds. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**TALL AFRICAN DOUBLE MIXED.** The plants are 2  $\frac{1}{2}$  feet high and the very large globular flowers have tubular or quilled petals. Our mixture ranges in color from light lemon to deep orange. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**DWARF FRENCH DOUBLE MIXED.** The symmetrically rounded plants grow about 1 foot high, and the double blooms are borne freely. This sort is fine for bedding and edging as well as for cutting. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

## MORNING GLORY (A-C)

Quick growing, free flowering climbers.

**HEAVENLY BLUE**—Clark's Early Strain. The finest of all morning glories, the blooms are true blue with white throats and from 3 to 4 inches across. Pkt., 15c;  $\frac{1}{4}$  oz., 40c.

**ALLEN'S EARLY DWARF.** Starts to bloom almost as soon as it comes up. A variety of handsome colors. Flowers small but very lovely. Packet, 15c.



Heavenly Blue Morning Glory.

**GOLDEN GLEAM—DOUBLE SWEET SCENTED.** This most satisfactory double Nasturtium continues to gain in popularity. The fragrant, golden yellow blooms are borne well above the foliage on strong bushy plants. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c.

**DWARF DOUBLE GEM MIXED.** The plants are dwarf and compact. While some single blooms may be expected, the great majority will be large, double or semi-double, sweet scented, in well balanced color mixture. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c.

**WILL'S PIONEER BRAND DWARF SINGLE MIXED.** The best obtainable mixture of desirable colors. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; 1 lb., 90c.

**WILL'S SUPERB TALL SINGLE MIXED.** Plants from our mixture will grow 5 to 6 feet high, with showy blooms of the most brilliant shades. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; 1 lb., 90c.

**MIGNONETTE MACHET** (A\*). A modest, fragrant plant, growing 1 foot high, with compact spikes of bloom. Pkt., 10c;  $\frac{1}{4}$  oz., 15c.

**Nicotiana—Affinis Hybrids** (A). Plants 2 to 3 feet high bear star-shaped blossoms which are delightfully fragrant, especially at evening. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**NIGELLA—LOVE-IN-A-MIST-NIGELLA** (A\*). A favorite, compact growing plant in whose fine feathery foliage nestle lovely double cornflower-blue blooms. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

## WILL'S PANSIES

**WILL'S ROYAL SHOW** (P\*). The best mixture we can supply. The blooms are all that can be desired in color, size and form. Pkt., 15c; 2 pkts., 25c;  $\frac{1}{4}$  oz., \$3.00.

**WILL'S PREMIUM MIXTURE.** While not to be compared with the Royal Show, this mixture has large blooms in complete color range and will please everyone who enjoys Pansies. Pkt., 5c;  $\frac{1}{4}$  oz., 60c.

For Pansy Plants, See Page 55.

**PENTSTEMON GRANDIFLORA—BEARD TONGUE** (P\*). One of our most beautiful native perennial flowers and absolutely hardy. The plant grows 2 feet high, blooming in early July with long spikes of lavender, bell shaped blossoms. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

## PETUNIAS (A\*)

Enjoy sunshine, bloom profusely within 2 months from seed and are fine for bedding, porch or window box, border and pot.

**ALL DOUBLE GIANT FRINGED MIXED.** The best Double Petunia seed obtainable. Practically all of the dwarf, stocky plants will have double fringed blooms. Pkt., containing about 140 seeds, 35c; 2 pkts., 60c.

**SPECIAL SINGLE MIXTURE—HYBRIDA GRANDIFLORA.** Plants grow 2 feet tall. Flowers are not overly large, but are borne profusely and their wonderful colorings and markings make a brilliant show in bed or border. Pkt., 10c;  $\frac{1}{4}$  oz., 55c.

**RUFFLED MONSTER MIXTURE.** Very large, single, ruffled flowers, richly marked and veined. About 300 seeds to the packet. Pkt., 25c.

**ROSY MORN.** A dwarf Petunia, dainty and effective for borders and window boxes. In color a soft carmine pink with white throat. Pkt., 10c;  $\frac{1}{4}$  oz., 90c.

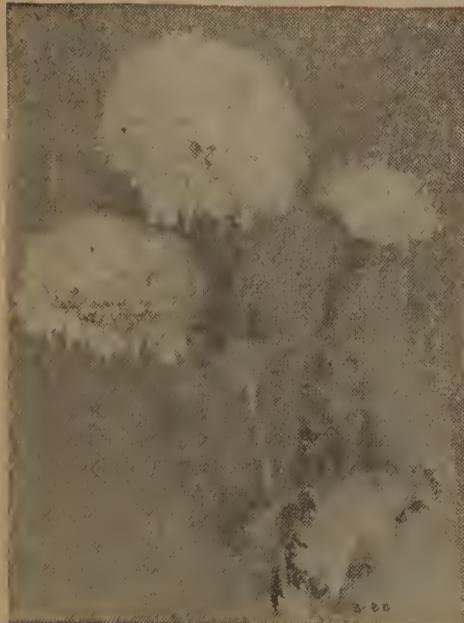
For Petunia Plants See Page 55.



All Double Giant Petunias.

**PHLOX — DRUMMONDI GRANDIFLORA MIXED (A\*).** Easily grown, brilliant and fresh in color, Phlox is one of the most satisfactory annuals. Flowers from our mixture are distinct and vivid in splendid variety of tone. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**PHLOX - GIANT FLOWERED-GIGANTEA ART SHADES (A\*).** The individual flowers are from  $1\frac{1}{4}$  to  $1\frac{1}{2}$  inches in diameter in lovely, soft, pastel shades. Pkt., 20c;  $\frac{1}{4}$  oz., 80c.



Carnation Poppy.

## POPPIES (A)

Brilliant flowers produced freely in a riot of color.

**CARNATION MIXED.** Large double flowers with fringed petals in wide range of color. Pkt., 5c;  $\frac{1}{2}$  oz., 15c.

**CALIFORNIA or ESCHSCHOLTZIA-BRILLIANT MIXED.** These brilliant flowers are produced on low spreading plants with silvery cut foliage. For bouquets, cut when buds first show color. Pkt., 10c;  $\frac{1}{4}$  oz., 15c.

**AMERICAN LEGION.** An improved Flanders Poppy, its color is a dazzling scarlet. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**DOUBLE SHIRLEY MIXED.** Large, graceful silky flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**BLUE MAW (A).** Not intended for planting, but used for cooking by the people of Central and Southeastern Europe, and quite largely by people from those districts who have settled in this country.  $\frac{1}{4}$  lb., 10c; 1 lb., 30c, postpaid.



California Poppy—Eschscholtzia.

**ORIENTAL MIXED (P).** Unrivalled for gorgeous effectiveness in perennial borders and shrubberies, the flowers are immense, frequently six inches across. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

**ICELAND MIXED (P\*).** The large, gaily colored, cup-shaped flowers bloom on graceful, wiry stems. If sown early, will bloom first year from seed. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.



Single Portulaca.

## PORTULACA—Rose Moss(A)

**Hardy, Sun Loving, Profuse Bloomer.** Blooms early and until frost, thriving and producing a brilliant display where almost any other plant would die. Fine for beds, borders and ground cover. We recommend it for cemetery planting.

**DOUBLE MIXED.** A small percentage of singles is to be expected. Pkt., 10c,  $\frac{1}{4}$  oz., 70c; oz., \$2.25.

**SINGLE MIXED.** Pkt., 5c;  $\frac{1}{4}$  oz., 20c; oz., 55c.

**PRIMROSE or PRIMROSE MALACOIDES (TA).** Sown in April will make plants for fall and winter blooming indoors. Pkt., 10c.

**RICINUS—CASTOR BEAN (TA).** Tall stately plant with ornamental foliage and brilliant colored fruit. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c.

Scabiosa—  
Mourning BrideDwarf  
Ten Weeks Stocks

beautiful coloring and rich fragrance. A small percentage of singles may be expected, but our early mixture is as true to type as can be obtained. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

**SUNFLOWER—Helianthus—Double Chrysanthemum Flowered** (A). The plants are 7 feet tall. The double, golden yellow flowers are 6 to 8 inches across with fringed petals. Pkt., 5c; oz., 35c.

**SUNFLOWER—Mammoth Russian.** The standard seed producer.  $\frac{1}{4}$  lb., 7c; 1 lb., 25c.

**SWEET WILLIAM—Dianthus Barbatus—Double and Single Mixed** (P\*). An old garden favorite, 1½ to 2 feet high, blooming early with handsome broad clusters of little pinks. With some care plants will last many years, although they may be easily raised from seed each season. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**VERBENA—Hybrida—Mammoth Choice Mixed** (A\*). A very popular dwarf plant of many uses, bearing clusters of brilliant star shaped flowers through a long season. The colors of our mixture are rich and vivid. Pkt., 10c;  $\frac{1}{4}$  oz., 40c.

Double Lilliput  
Zinnia

Zinnia—Fantasy

**SALPIGLOSSIS—VELVET FLOWER or PAINTED TONGUE**

**Large Flowering Mixed (A\*).** Easily grown annual, 2 to 2½ feet tall, and one of our favorite flowers. The velvety blooms are large, trumpet shaped, and of richest colors, from creamy white to deep purple, all veined with gold. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**SALVIA—CLARA BEDMAN or EARLY BONFIRE (TA\*).**

Its erect spikes of brilliant scarlet flowers make this one of the most handsome of Salvias. Pkt., 10c;  $\frac{1}{4}$  oz., 70c.

**SCABIOSA—Tall, Large Flowered Double Mixed (A\*).**

Also known as Mourning Bride or Pin Cushion Plant. The showy, double blooms are borne on long strong stems and soft colors predominate. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**SCHIZANTHUS—BUTTERFLY FLOWER**

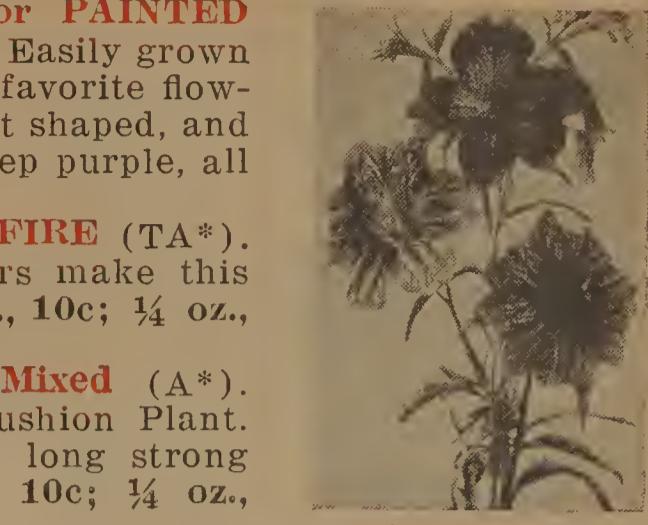
**Poor Man's Orchid (A\*).** 18 inches tall, this very early bloomer is completely covered with small, bright, butterfly-like flowers in wide range of color. Of easiest culture, this is one of the daintiest of annuals. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**SNOW-ON-THE-MOUNTAIN — Euphorbia**

**Variegata (A).** A bushy plant of colorful foliage, much used in borders and backgrounds. The broad green leaves are heavily margined with silvery white. Pkt., 10c; oz., 30c.

**STOCK—GILIFLOWER—Double Dwarf, Ten Weeks (A\*).**

The large, profuse spikes of rosette like blooms are of beautiful coloring and rich fragrance. A small percentage of singles may be expected, but our early mixture is as true to type as can be obtained. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

Salpiglossis  
or Velvet Flower

Sweet William

# ZINNIAS

THE FLOWER FOR GREAT PLAINS GARDENS. FLOURISHES IN HEAT AND WITH LITTLE CARE. PRACTICALLY FREE FROM PLANT DISEASES — WITH LONG SEASON OF BLOOM. SHOWY, BRIGHT AND FREE FLOWERING—FINE FOR CUTTING AND EVERY GARDEN USE.

**DAHLIA, FLOWERED—Gold Medal Mix-**

**ture.** Best for general garden use, 2½ to 3 feet tall. The blooms average 4½ to 5 inches across, in bright intense shades. Our seed is from the originator, is grown in separate colors and then mixed, and is vastly superior to much that is offered. Pkt., 10c;  $\frac{1}{4}$  oz., 40c; oz., \$1.25.



Dahlia Flowered Zinnia, Gold Medal Mixture

**CALIFORNIA GIANTS—Mixed.** The blooms are not as

deep as those of the Dahlia flowered type, but fully as large, and the longer stems make this sort more desirable for cutting. Pkt., 10c;  $\frac{1}{4}$  oz., 40c; oz., \$1.25.

**DOUBLE LILLIPUT or POMPON—Mixed.**

The plants are from 12 to 18 inches high, blooming profusely in 45 days from seed. The flowers are very double, 1 to 1½ inches in diameter, and the colors bright and well varied. Pkt., 10c;  $\frac{1}{4}$  oz., 25c; 1 oz., 90c.

**FANTASY—Mixed.** A medium sized Zinnia with shaggy petals, curved and quilled, graceful and delicate. The color mixture is complete. Pkt., 10c;  $\frac{1}{4}$  oz., 40c; oz., \$1.25.**SCABIOUS FLOWERED MIXTURE.** An oddly attractive bloom resembling the annual Scabiosa. The plants are 2 to 2½ feet high and the flowers are medium sized with rich color range. Pkt., 15c;  $\frac{1}{4}$  oz., 50c; oz., \$1.60.Zinnia  
Scabious Flowered

# WILL'S SWEET PEAS



**Early Flowering Spencer Sweet Peas**

## Choice Mixed Sweet Peas

**EARLY FLOWERING SPENCER MIXTURE.** These come into bloom three weeks before the standard Spencer varieties, but with the same long stems and large, waved flowers. They have replaced the standard Spencers in greenhouse planting, and, though they do not grow quite as tall nor branch as much, their earliness and long season of bloom make them invaluable for outdoor planting, particularly in the short seasons north. **Pkt., 10c; oz., 25c; 1/4 lb., 85c; 1/2 lb., \$1.60; 1 lb., \$3.00.**

**RUFFLED SPENCER MIXED SWEET PEAS.** The newest and finest in Sweet Peas with gigantic blooms so ruffled and frilled that they appear almost double; a treat for all lovers of Sweet Peas. **Pkt., 10c; oz., 30c; 1/4 lb., 90c; 1/2 lb., \$1.65; 1 lb., \$3.00.**

**WILL'S IMPERIAL MIXED SWEET PEAS.** A mixture of all the best standard Spencer strains with some Early Flowering types added. Every Sweet Pea color is represented in every possible combination. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 55c; 1 lb., \$1.00.**

**WILL'S GIANT SPENCER MIXED SWEET PEAS.** A mixture in proper proportions of the large waved standard Spencer sorts through the whole range of color. This is the best mixture we know. **Pkt., 10c; oz., 20c; 1/4 lb., 60c; 1/2 lb., \$1.00; 1 lb., \$1.85.**

**SIBERIAN PERENNIAL SWEET PEAS (P).** The vines are about 5 feet high, absolutely hardy and bloom all summer if blossoms are kept picked. **Pkt., 10c.**

The prettiest Sweet Peas I ever had—I got the seeds from you.—Mrs. W. B. Reynolds, Watauga, Tenn.

### Treat Sweet Peas with **NITRAGIN**



Garden Size 10c, Postpaid  
Will Treat Up to 4 Pounds of Peas,  
Beans, Sweet Peas, etc.  
SEE PAGE 77

The Petunias I raised last year from seeds I bought from you were the most Gorgeous things I have ever seen. 100 percent Double.—Mrs. S. C. DeTienne, Watford City, N. Dak.

### **SWEET PEA COLLECTION**

One regular packet of each of the 14 varieties of Sweet Peas listed on the next page. If purchased separately would cost \$1.40. Will sow 80 feet of row. And a GARDEN SIZE PACKAGE OF NITRAGIN to treat the seed for better results.

**\$1.00**

### A Few Suggestions

The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. Soaking seed in water over night before planting will hasten germination. The seed should be sown two inches deep, at the rate of one ounce to twenty feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember, the vines quickly wither, if allowed to produce any great amount of seed. Spray thoroughly and often to prevent infection by aphids.



**Will's Giant Spencer Sweet Peas**

# WILL'S SWEET PEAS

## Summer Flowering Spencer Varieties

These are the orchid-flowered or large waved Sweet Peas. We have tried to select for you the choicest and most beautiful varieties in their respective colors. About 100 seeds in a packet.

The following varieties of Sweet Peas are priced at: Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c, postpaid. Any three packets, 25c. One packet of each, or 14 packets, with one Garden Size Package of NITRAGIN, \$1.00.

**AMBITION.** The best rosy lavender.

**AMETHYST.** Clear, medium blue, exceptionally large.

**AVALANCHE.** A pure glistening white and the best white we know.

**BRILLIANT ROSE.** Warm Tyrian rose.

**FORTUNE.** A rich navy blue.

**FLUFFY RUFFLES.** An exquisite light cream pink.

**MARY PICKFORD.** Dainty cream pink, with a soft suffusion of salmon.

**MRS. A. SEARLES.** A bright orange cerise with distinct golden sheen.

**OLYMPIA.** Rich royal purple.

**PINKIE.** Clear deep rose pink.

**RED BOY.** Pure rich crimson.

**WARRIOR.** Rich oxblood maroon.

**WELCOME.** Most dazzling of all scarlets.

**WHAT JOY.** Deep primrose yellow.

Each of the Sweet Peas listed above sells for: Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c, postpaid. Any three packets, 25c. Fourteen packets, one of each sort, and one Garden Size Package of NITRAGIN, for \$1.00.



Pinkie.

## Will's Pioneer Brand Vegetable Seeds



THIS  
IS

Will's Pioneer Brand. It stands for earliness and hardiness. Behind it are fifty-seven years of experience.

Please remember that the Garden Seed prices here quoted are by mail, postpaid to any address in the United States, unless otherwise noted. Prices of one pound or over subject to change.



ALL RED TOMATO  
Dr. A. F. Yeager's All Over Ripening, Extra Early, Scarlet.  
Pkt., 15c;  $\frac{1}{2}$  oz., 40c; oz., 75c. See Page 43.

Will's Hardy Garden Seeds—Selected for the Northwest — do well everywhere.

### WILL'S PIONEER INDIAN COLLECTION

5 Packets for 20c

Five packets of the same vegetable varieties that were grown by the Indians long before they ever saw or heard of a white man. One packet each of:

Arikara Squash  
Iriquois Popcorn  
Omaha Pumpkin  
Nuetta Sweet Corn  
Hidatsa Beans

FIVE PACKETS FOR 20 CENTS.

A GOOD GARDEN IS THE MOST PROFITABLE PIECE OF GROUND ON A FARM

### PLANTING TABLE FOR VEGETABLES

For the Farm Garden we recommend that all rows be equal distances apart and that that distance be the same as that of the cultivated field crops of the farm.

Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row	Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row
200	*Beans—Dwarf, Snap	2-5.....	20.....	$\frac{3}{4}$ lb.	300	Onions.....	4-6.....	14.....	$\frac{1}{2}$ oz.
100	Beans—Dwarf, Lima	6.....	20.....	1 lb.	200	Onions, from sets.....	2-3.....	16.....	3 pts. sets.
150	*Beets.....	2-4.....	18.....	1 $\frac{1}{2}$ oz.	50	Parsnip.....	3-5.....	18.....	$\frac{1}{2}$ oz.
200	Cabbage.....	16-24....	24.....	50-75 plants.	300	*Peas.....	$\frac{3}{4}$ -1 $\frac{1}{2}$ ....	30.....	1 lb.
50	Cauliflower....	16-24....	24.....	50-75 plants.	25	Peppers.....	16.....	24.....	60 plants.
50	*Carrot.....	2.....	18.....	$\frac{1}{2}$ oz.	800	Potatoes, Early.....	14-18.....	30.....	$\frac{1}{2}$ peck.
50	Celery.....	4-8.....	18.....	200 plants.	150	*Radish.....	1-2.....	16.....	1 oz.
500	*Corn, Sweet..	16-36....	30.....	2 oz.	200	*Spinach.....	1-3.....	18.....	1 oz.
100	Cucumber....	48.....	Hills 48..	$\frac{1}{2}$ oz.	25	Squash, Summer....	Hills 42..	42.....	$\frac{1}{2}$ oz.
25	Eggplant....	20-30....	24.....	50 plants.	100	Tomato.....	30.....	36.....	40 plants.
50	*Lettuce.....	4-8.....	Beds 6...	$\frac{1}{2}$ oz.	800	*Turnip.....	2-4.....	18.....	$\frac{1}{2}$ oz.
150	Muskmelon...	Hills 72...	72.....	$\frac{1}{2}$ oz.					

These vegetables marked \* should not all be planted at one time, but apart at intervals of 2 or 3 weeks to secure a continuous supply.



Green Pod Stringless.

**GREEN POD STRINGLESS.** This most widely grown of all the green podded sorts is very early and of best quality. The dark green pods are round, straight, thick, meaty, strictly stringless and brittle. **Pkt., 5c; 1/4 lb., 11c; 1/2 lb., 19c; 1 lb., 30c, postpaid.** **Not prepaid, 5 lbs., 85c; 10 lbs., \$1.50.**

**BOUNTIFUL.** A favorite throughout the Northwest for its earliness, hardiness and productivity. The best flat podded green Bean. The light green pods average 6 to 7 inches in length and are stringless, thick, flat, slightly fibrous, and of excellent quality. Its hardiness and yield under adverse conditions are its best qualities. **Pkt., 5c; 1/4 lb., 12c; 1/2 lb., 20c; 1 lb., 32c, postpaid.** **Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.**

**TENDERGREEN.** The dark green pods are fine textured, fleshy, brittle, tender and stringless. The compact vines are vigorous and heavily productive. The best round podded dwarf green Bean. **Pkt., 5c; 1/4 lb., 12c; 1/2 lb., 20c; 1 lb., 32c, postpaid.** **Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.**

We have used Will's seed for over 30 years and have always found them satisfactory.

EARL W. BAKER, Beach, N. Dak.

Bohnen  
(Ger.)

## Will's Beans

Boenner  
(Span.)

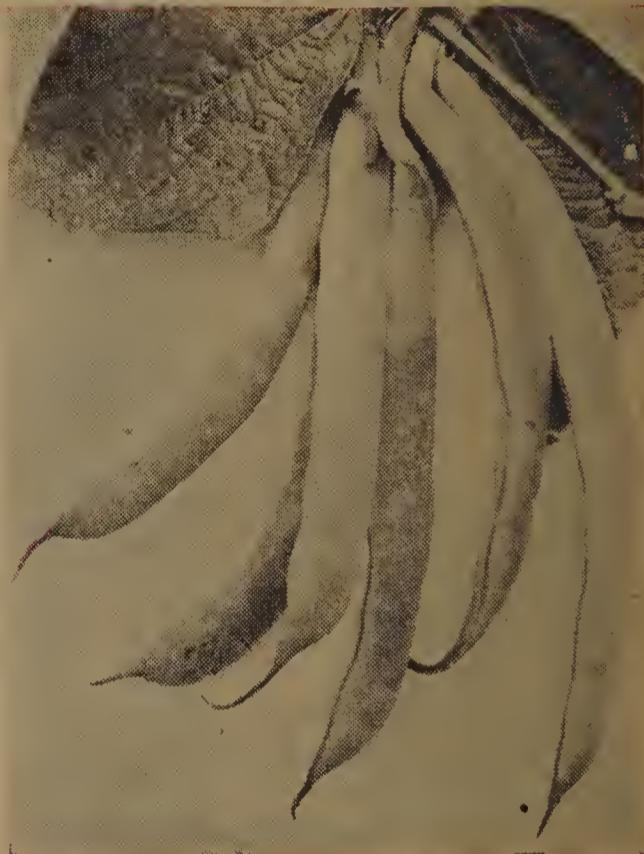
*Belong in Every Garden*

**CULTURE:** Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. One pound of beans is a little more than one pint.

## DWARF OR BUSH BEANS GREEN PODDED



See Page 77



Bountiful.

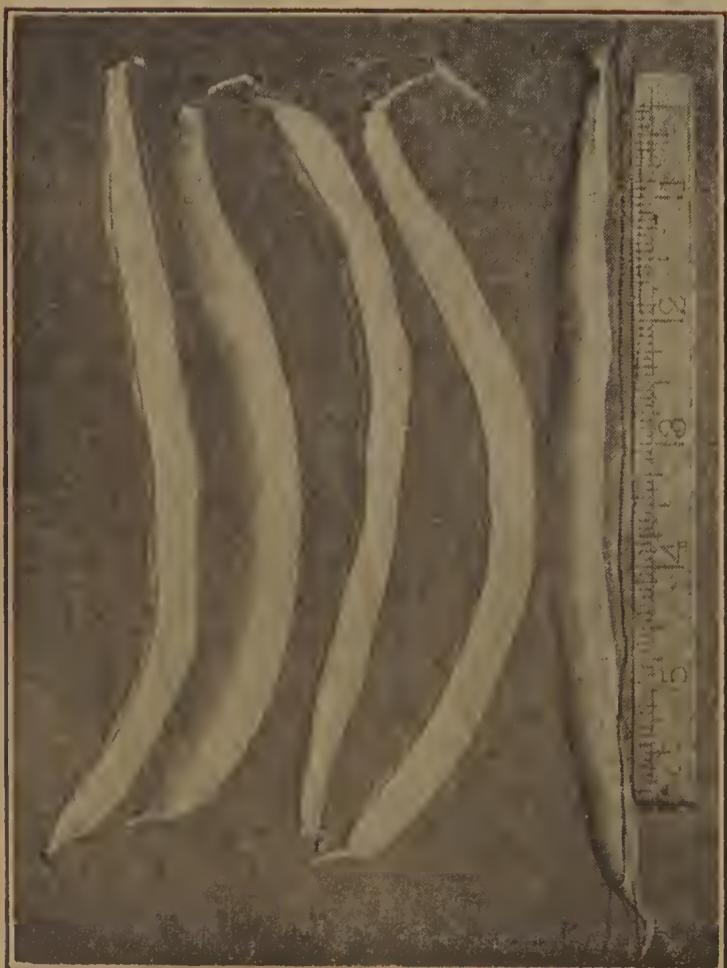
## WAX PODDED BEANS

**PENCIL POD BLACK WAX.** Very desirable for home and market garden, hardy, productive and of finest quality. **Probably the finest Round Podded Wax Bean.** The round golden yellow pods are fleshy, brittle, stringless and very tender. **Pkt., 5c; 1/4 lb., 12c; 1/2 lb., 20c; 1 lb., 32c, postpaid.** **Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.**

**SIOUX STRINGLESS WAX.** A fine, round podded wax Bean, rich cream yellow, straight, crisp and stringless at all stages. Equal to Pencil Pod Black Wax in quality with straighter pods, lighter colored seed and heavier yield. **Pkt., 5c; 1/4 lb., 13c; 1/2 lb., 22c; 1 lb., 35c, postpaid.** **Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.**

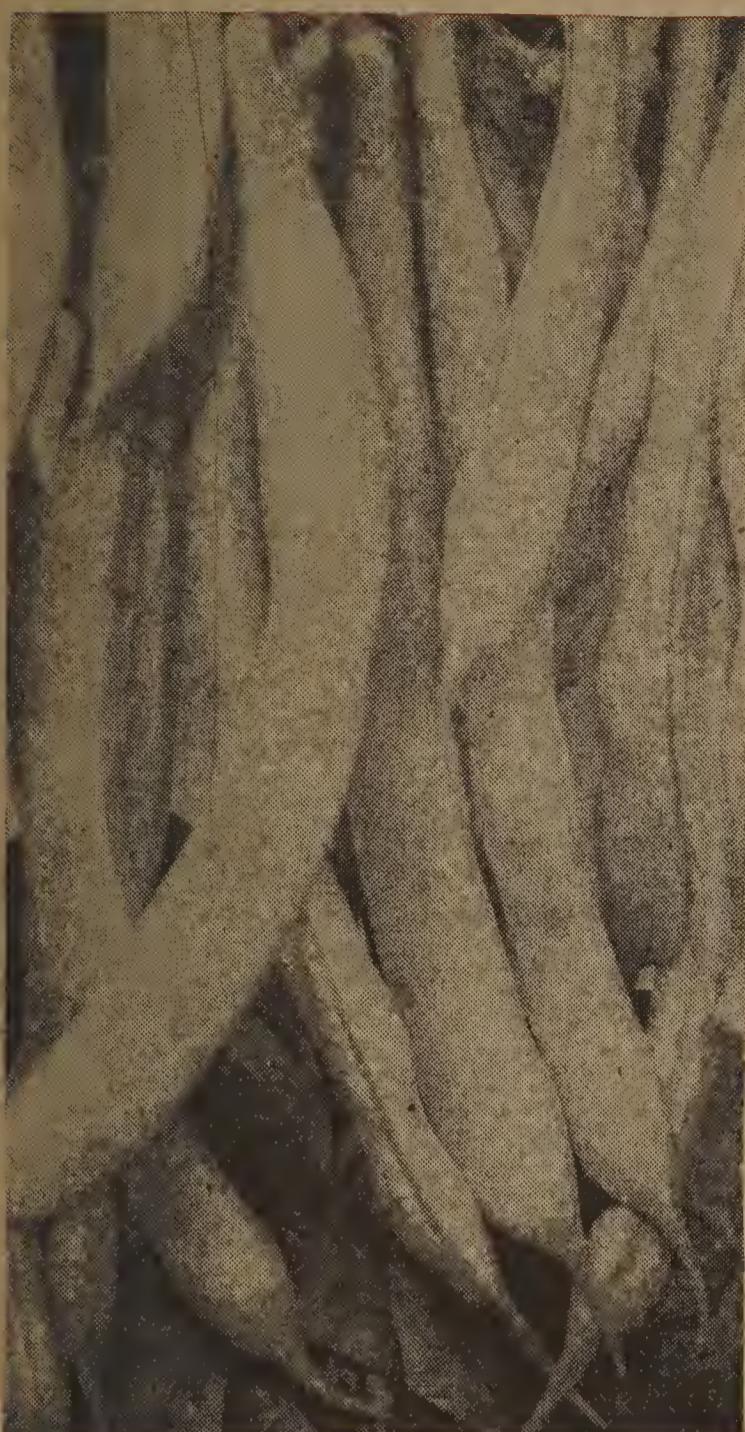
**WEBBER WAX or EARLY WONDER.** (Also known as Cracker Jack.) The earliest wax Bean, prolific and drouth resistant. The waxy yellow pods are from 5 to 6 inches long, flat, meaty, brittle, nearly stringless and of good quality. **Pkt., 5c; 1/4 lb., 13c; 1/2 lb., 22c; 1 lb., 35c, postpaid.** **Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.**

**NEW KIDNEY WAX.** A productive and high quality mid-season variety, stringless, fiberless, very fleshy and brittle. The flat pods average 6½ inches long and are an attractive, clear yellow in color. **Pkt., 5c; 1/4 lb., 13c; 1/2 lb., 22c; 1 lb., 35c, postpaid.** **Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.00.**



Pencil Pod Black Wax.

## DWARF OR BUSH BEANS—WAX PODDED



**Improved Golden Wax.**

**SURE CROP STRINGLESS or BOUNTIFUL WAX.** The best flat wax Bean. A heavy yielding, disease resistant, and delicious wax Bean. The long, golden pods are thick-flat, meaty, brittle, strictly stringless, and of fine texture and quality. Pkt., 5c;  $\frac{1}{4}$  lb., 11c;  $\frac{1}{2}$  lb., 19c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.50.



**Sure Crop Stringless Wax.**



For Better Yields Treat Beans with Nitragin. A 10c Package Will Treat Up to 4 lbs. of Seed

**IMPROVED GOLDEN WAX.** This is the very finest selected strain of Golden Wax bean, and has for years been **our most popular sort.** It seems to be especially suited to North-western climatic conditions. Pods are large, fleshy, and entirely stringless. Color is a bright golden. A very early sort, and highly rust resistant. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.

## SHELL or SNAP BEANS

**ENGLISH BROAD WINDSOR.** The broad bean is one of the common household vegetables in Great Britain and on the Continent of Europe, and is very much esteemed there. This is the heaviest cropping broad bean. Delicious either cooked fresh or as a Winter shell bean. Pkt., 10c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20.

**DWARF HORTICULTURAL or CRANBERRY.** The old fashioned New England snap and shell Bean, and you haven't tasted succotash until you have tried building it around this Bean. The pods are about 5 inches long, flat, almost stringless, greenish-yellow splashed with carmine. The seeds are deep buff, streaked with dark red. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

## LIMA BEANS

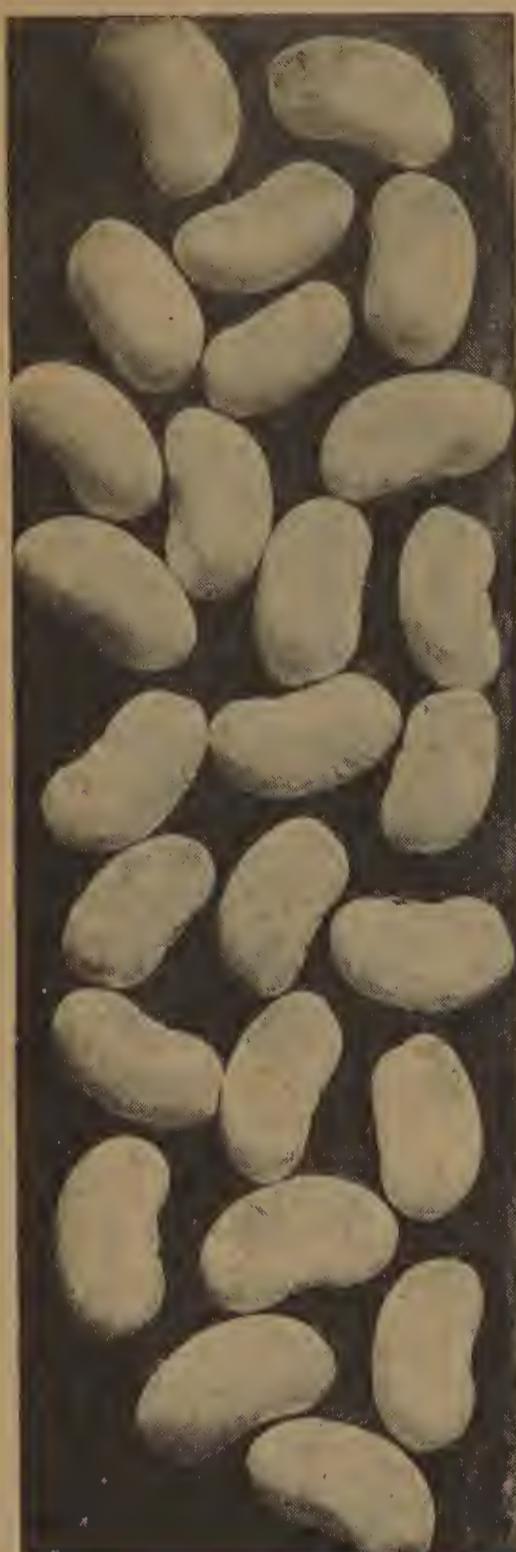
**FORDHOOK BUSH LIMA.** The best large podded Dwarf Lima. Pods of good length and contain from 4 to 5 large, thick, white beans. A wonderful producer and of excellent quality. Pkt., 10c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20.

**JACKSON WONDER BUSH LIMA.** This small seeded, calico colored Bush Lima is as early and dependable as any Lima Bean we have ever had in our trials. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

**HOPI LIMA.** A very early and hardy vining sort with small, white, fine flavored Beans. It is as early as Jackson Wonder and very productive. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30.



**Jackson Wonder Bush Lima.**



Great Northern Beans  
(Natural Size).

## POLE BEANS

**KENTUCKY WONDER WAX.** The best pole wax bean for northern planting. The light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

**KENTUCKY WONDER or OLD HOMESTEAD.** The most popular green-podded climbing bean. The pods are 8 to 9 inches long, fleshy, curved, tender and of good quality. The old reliable. Pkt., 5c;  $\frac{1}{4}$  lb., 11c;  $\frac{1}{2}$  lb., 19c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.60.

## Field Beans

### GREAT NORTHERN—The Best Baking Bean

Every one knows the Great Northern Beans, but few know that the seed was originally obtained over fifty years ago by Oscar H. Will from Son of a Star, an Hidatsa Indian, by whose tribe it had been grown for many years. Hardy, a heavy yielder and early, it is much more tender and more quickly cooked than the Navy Bean, and one of the most largely grown field Beans.

**GREAT NORTHERN—IDAHO U. NO. 56.** (See Page 1 for picture.)

A great improvement over the standard Great Northern in earliness, yield and uniformity of seed. Pkt., 5c;  $\frac{1}{4}$  lb., 10c;  $\frac{1}{2}$  lb., 16c; 1 lb., 30c, postpaid. Not prepaid, 10 lbs., \$1.50; 100 lbs., \$12.50.

**GREAT NORTHERN.** A good standard stock.  $\frac{1}{4}$  lb., 8c;  $\frac{1}{2}$  lb., 14c; 1 lb., 25c, postpaid. Not prepaid, 10 lbs., 90c; 100 lbs., \$7.00.

Have always used some of Will's Seeds and father before me since the firm existed.

O. T. Gearey, Golva, N. Dak.



Mary Washington Asparagus.

Spargel (Ger.)

## Asparagus

Asparges (Scan.)

Culture. One ounce will sow 100 feet of row. Soak seed for 24 hours before planting 1 inch deep in rows 1 foot apart. When 1 year old set plants in permanent beds. Work soil to depth of 16 inches, manure heavily, and set roots 2 feet apart in the row with rows 4 feet apart and crowns 4 inches below the surface.

**MARY WASHINGTON.** The very vigorous and rust resistant variety developed by the U. S. Department of Agriculture. The best yielding pedigree strain, with large rich, dark green stalks. About 225 seeds to a packet. Pkt., 8c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00, postpaid.

## ASPARAGUS ROOTS

**MARY WASHINGTON.** Two Year Old Roots. Price, postpaid, doz., 35c; 50, \$1.00; 100, \$1.75. F.O.B. here, 50, 90c; 100, \$1.65; 1,000, \$12.00.



## HOT CAPS

An individual hothouse for every plant. Made of wax paper, guards against rain, frost, wind and insects. Home Garden Package contains 25 Hotcaps and cardboard setter; postpaid, 65c; not prepaid, 50c. Not prepaid, 100 Hotcaps, \$2.65; 250 for \$3.85, and 1000 for \$10.25. The 100 and 250 Hotcap packages contain a light metal garden setter and steel tamper.

Blätterkohl  
(Ger.)

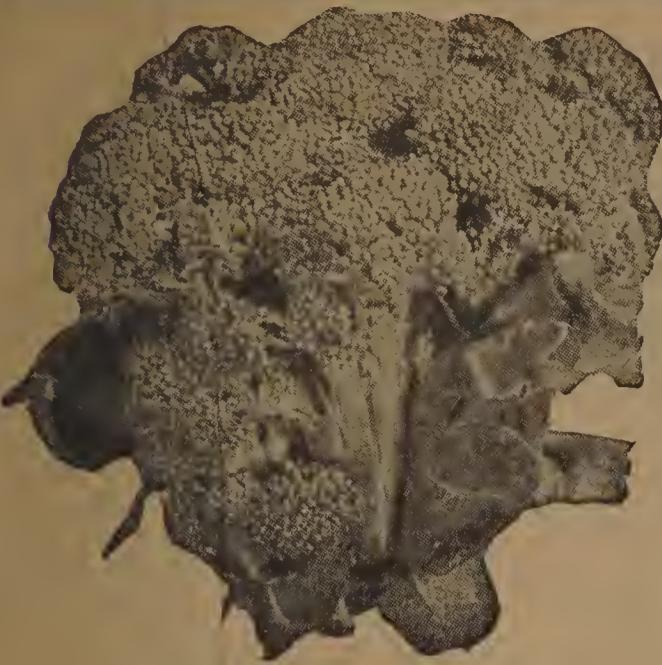
**GREEN CURLED or SCOTCH.** This is more hardy than cabbage and makes excellent greens for Fall and early Spring. A good frost improves the quality. About 1,300 seeds to the packet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.

Rosenkohl  
(Ger.)

**LONG ISLAND IMPROVED.** Undoubtedly the best and most dependable sort of this most delicately flavored of the Cabbage family. This variety is the earliest, most dwarf and compact. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

## BRUSSELS SPROUTS

Rosenkål  
(Scan.)



Green Sprouting Broccoli.

## Spargelkohl (Ger.)

**ITALIAN GREEN SPROUTING.** A distinct variety forming a large solid head, which remains green. When the central head is cut, numerous sprouts develop from the leaf axes, each sprout terminating in a small green head. Cooked as is cauliflower, it is very easily grown, one of the most delicious green vegetables, and decidedly worth trying. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c.

## BROCCOLI

## Broccoli-Kaal (Scan.)

## Schnittlauch (Ger.)

**SCHNITTLAUCH (Grass Onion).** The decorative perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. About 1200 seeds to the packet. Pkt., 10c; oz., 50c. To those preferring to set out plants we offer Clumps: Each, 22c; doz., \$2.00, postpaid.

## Chives

**CHICORY, WITLOOF or FRENCH ENDIVE.** Used extensively for winter salads. Pkt., 10c; oz., 25c.

My seed corn collection was a wonder to all. I planted my Bison seed in the ground May 15 and had ripe tomatoes Aug. 22. Our family has bought seed from you for about 30 years.

WM. P. MULCAHY,  
Redtop, Minn.

## Garten-Kresse (Ger.)

**UPLAND.** For salads and garnishing. About 1700 seeds to the packet. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c, postpaid.

## Endivien (Ger.)

## Cress

## Karse (Scan.)

**MAMMOTH GREEN CURLED.** The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. About 1400 seeds to the packet. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 45c, postpaid.

**BROAD LEAVED BATAVIAN or ESCAROLE.** One of the best varieties for salads. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c, postpaid.

## Feldsalat (Ger.)

## Corn Salad

## Vaarsalat (Scan.)

**LARGE ROUND-LEAVED.** This is a small, quick growing salad plant for late Fall or early Spring. It may also be cooked for greens. About 300 seeds to the packet. Pkt., 10c; oz., 19c;  $\frac{1}{4}$  lb., 50c, postpaid.

## MUSHROOM SPAWN

**Bottle Spawn.** One bottle will plant 35 to 40 square feet of bed or about five times as much as one brick. Catches quicker and handles easier than brick spawn. Bottle Spawn is shipped removed from glass containers. Per bottle, 90c, postpaid.

## Eierpflanze (Ger.)

## Eggplant

## Aegplante (Scan.)



Blackie Egg Plant

## Lauch (Ger.)

## Leek

## Purre (Scan.)

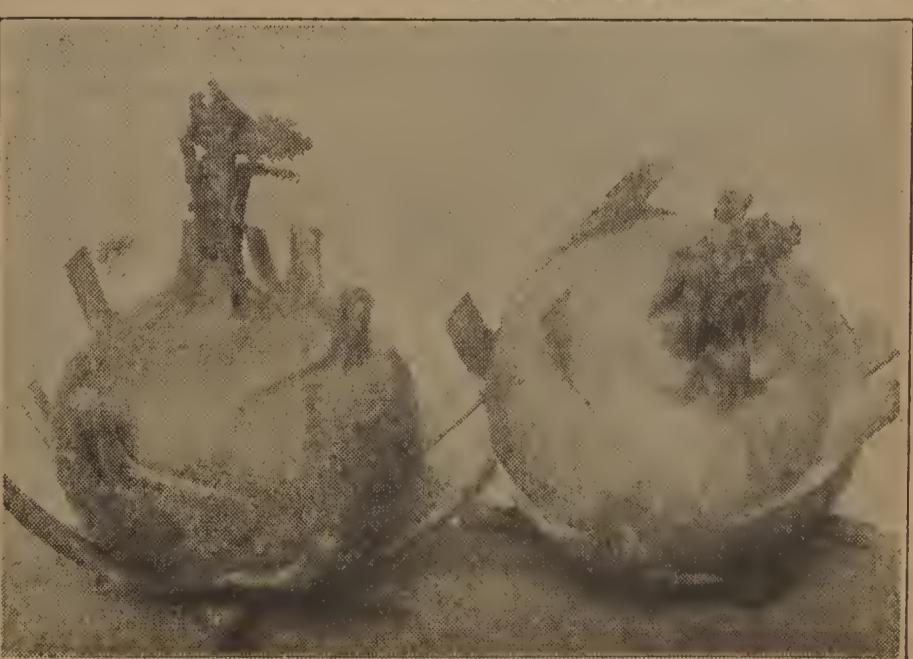
**LARGE LONDON or FLAG.** Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. About 1200 seeds to the pkt. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c, postpaid.

## Ocher (Ger.)

## Okra

## Hibiskus (Scan.)

**DWARF GREEN.** A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. About 70 seeds to the packet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c, postpaid.



Early White Vienna Kohl-Rabi

## Knoll Kohl (Ger.)

## Kohl-Rabi

## Kaalarabi (Scan.)

**EARLY WHITE VIENNA.** This best Kohl Rabi is extra early and easily grown. The nearly white bulbs are firm and distinctly sweet, and when cooked are crisp, tender and most delicate and tasty. Use when about the size of a hen's egg. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c.



Detroit Dark Red Beet

Mangel Wurzel  
(Ger.)

## Mangels or Stock Beets

Runkelroe  
(Scan.)

A cheaply produced, heavy yielding, highly valuable feed for stock and poultry.

**Culture.** Sow in May or early June in deep mellow soil, about  $1\frac{1}{2}$  inches deep, in rows  $1\frac{1}{2}$  to 2 feet part. Four to six pounds are required to the acre.

The following Mangels are priced: Oz., 8c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 33c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.25.

**MAMMOTH LONG RED.** The heaviest yielder and most popular of all Mangels. The light red roots are pinkish fleshed and grow well out of ground. Yields run as high as fifty tons to the acre.

**GOLDEN GIANT or DANISH SLUDSTRUP.** A very high yielder, the long, oval roots are reddish yellow with white flesh, growing more than half above ground and easily harvested.

**GOLDEN TANKARD.** A variety noted for its milk producing properties. The cylindrical roots grow well out of the ground and yield well on light soil. The flesh is yellow zoned with white.

**GIANT HALF SUGAR ROSE.** The long, oval, white fleshed roots are white skinned with rose-colored shoulder. This type combines in considerable degree the sugar content of the sugar beet and the size of the mangel.

The Mangels above are priced: Oz., 8c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 33c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.25.

## Sugar Beet

**KLEIN WANZLEBEN.** The most desirable and extensively grown Sugar Beet. The roots are wedge shaped, 12 to 15 inches long, and about 4 inches thick at the shoulder. The skin is grayish white and the flesh pure white. With very high sugar content and good keeping qualities, this is not only a source of sugar, but an excellent stock food and milk producer. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c, postpaid: Not prepaid, 5 lbs., \$2.40.

Your seeds are the best bar none I've ever planted.—Mrs. I. H. Dyer, R. No. 1, Worley, Idaho.

## BEET

**DETROIT DARK RED.** The best main crop beet. The roots are smooth, medium size, globe-shaped. The skin is a dark blood red and the flesh is a solid vermillion-red with no zoning. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.85.

We shall appreciate notification by our customers of any change in address or duplication of catalogs.

Rübe

# BEETS

Roedbede  
(Scan.)

**Culture:** Sow from April 15th to July 15th, covering 1 inch deep. Thin to 4 to 5 inches apart in the row. Thinning can be done gradually for greens and small beets. One ounce will sow 75 feet of row; six pounds, an acre. About 450 seeds in a packet.

**WILL'S IMPROVED BLOOD TURNIP BEET.** This is an exceptionally fine strain of Crosby's Egyptian. The roots are somewhat flattened though globular, and the skin a very dark red in color. The flesh is of a slightly lighter shade and lightly zoned. The best first early Beet and a good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.85.

**GOOD FOR ALL.** Especially fine for canning and pickling whole when  $1\frac{1}{4}$  to  $1\frac{1}{2}$  inches in diameter, but equally good for table use fully grown and 3 inches across. The roots are very even in color, size and shape, almost perfectly globular and a deep crimson inside and out. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 65c; 1 lb., \$1.15, postpaid. Not prepaid, 5 lbs., \$5.00.

Small young Beets cooked with their equally tender tops are delicious.

**OHIO CANNER.** This deep blood red Beet is free from zoning, flattened globe in shape, uniform in growth, tender, sweet, and the most handsome Beet when canned that we know. A desirable sort for all purposes. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.00, postpaid. Not prepaid, 5 lbs., \$4.35.



Early Wonder Beet



J.B.R.S.Co.

Will's Improved Blood Turnip

**LONG SMOOTH BLOOD.** Best of the long garden Beets; drought resistant, a very good keeper and grows until late in the Fall. Excellent for sod planting. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 90c, postpaid.

**EARLY WONDER or BOSTON CROSBY.** This selection from Crosby's Egyptian is not as early as the Will's Improved. The roots are very uniform and more nearly globe-shaped with very small top and tap root, dark red skin with deep blood-red flesh and very little zoning. A

very popular variety with market gardeners and unexcelled for the home garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.85.



Swiss Chard Lucullus

## Swiss Chard

Beisskohl (Ger.)  
Bladbede (Scan.)

**LUCULLUS.** To our mind the best vegetable that can be raised for greens. The crumpled, rich green outside leaves are picked off and the plant yields a constant crop from July well into September. The leaves are large and picking a mess of Swiss Chard for greens is short work. The thick broad stems may be cooked like asparagus or used for pickles. This is the most popular sort and gives big returns with little care. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 80c, postpaid.

We have used your seeds for 25 years and will not use any other.—H. P. McMillen, Route No. 1, Hamilton, North Dakota.



Copenhagen Market.

**COPENHAGEN MARKET.**

This is in our opinion the heaviest yielding and best quality Cabbage that can be grown. A dependable yielder of smooth, round, even sized heads, valuable for either extra early or main crop use. The plant is short stemmed and compact, leaves medium light green, and the heads average about 4 pounds. Our strain is absolutely the best obtainable. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 70c;  $\frac{1}{2}$  lb., \$1.25; 1 lb., \$2.25, postpaid.

A word to prospective gardeners—If you have dreamed of raising a big, "good garden" get Will's seeds and have your dreams come true.

Roy L. Carter,  
St. John, N. Dak.



Will's Early June.

Kraut  
(German)

Hoved Kaal  
(Scandinavian)

**Cabbage**

**Culture:** For early plants sow seed in boxes indoors or in hot bed, allowing 6 to 7 weeks from sowing to setting in the open ground. Some recommend planting the seeds in the field, 3 or 4 seeds to a hill and leaving the strongest plant. One ounce of seed will produce from 1500 to 2000 plants in open ground, 3000 in frames. 4 to 6 ounces of seed is required to produce plants for an acre. About 1,000 seeds in a packet.

**Early Varieties**

For early use we recommend especially Golden Acre and Copenhagen Market; for late use, Danish Ballhead.



Golden Acre.

**EARLY JERSEY WAKEFIELD.** A standard widely grown and very popular extra early variety. The conical heads are solid and the small outer leaves permit close planting. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$2.00, postpaid.

**WILL'S EARLY JUNE.** The earliest flat headed Cabbage, making fair sized, solid and shapely heads within 70 days from seed. The plant is vigorous, stands heat and is particularly desirable for the northwest. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.45; 1 lb., \$2.75, postpaid.



Early Jersey Wakefield.

We find your seed the best we've ever used.—  
Mrs. Ernest G. Tindall, R. 2, Aurora, Ore.

FOR CABBAGE PLANTS, SEE PAGE 56.

## More Early CABBAGE

**HARDY WINNIGSTADT.** Hardy, and the hardest header of any of the early Cabbages, the dark green heads are broad pointed, good keepers and of fine quality. This is a dependable old favorite. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$2.00, postpaid.

**GLORY OF ENKHUIZEN.** Attractive globe shaped heads, exceptionally firm and solid, and weighing from 6 to 8 pounds. A good keeper, largely planted for medium early and main crop, and fine for kraut. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$2.00, postpaid.



Glory of Enkhuizen

**CORNELL EARLY SAVOY-ODORLESS.** This is the earliest of the Savoy type with round, medium sized heads whose much crumpled dark green leaves are of distinct and delicate flavor. Developed by Prof. C. H. Meyers and the Cornell University Experiment Station, add to its other good points the fact that it is practically odorless in cooking. Pkt., 15c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.75, postpaid.

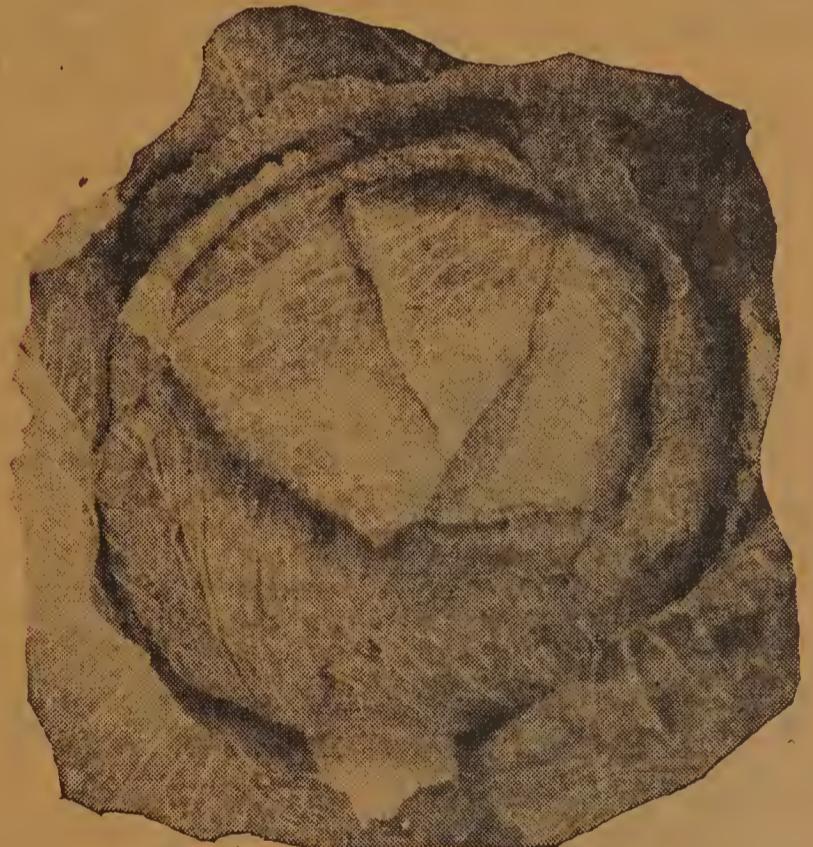
**RED ACRE.** This new sort is the earliest red Cabbage, sureheading, large, round and solid, and deep red to the center. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10, postpaid.



Danish Ballhead

## Later CABBAGE

**DANISH BALLHEAD—Short Stem or Hollander.** This variety is one of our specialties and the most widely used and finest late Cabbage grown. Very hardy, the deep round, pale blue-green heads weight from 6 to 7 pounds, are crisp, tender and sweet, and of finest quality. This variety is outstanding for its solidity and fine keeping qualities. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.30; 1 lb., \$2.50, postpaid.



Will's Selected Premium Flat Dutch

**WILL'S PREMIUM FLAT DUTCH.** The largest of the late varieties, low growing and a sure header, the most popular late flat heading sort. The flattened heads are bluish green in color, solid, of handsome appearance and fine quality. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.85, postpaid.

**PROTECT YOUR PLANTS.** Purchase Will's BUGEX with your seeds. Dust early and often. See Page 75.

You will find Paper Pots and Plant Bands on Page 79.



Chihli, Chinese Cabbage.

**Chinese Cabbage  
CHIHLI—SUREHEAD STRAIN.** The earliest and surest heading Chinese Cabbage. The cylindrical heads are from 18 to 20 inches in length, white, solid, sweet and tender. Best results are obtained in this section by planting about June 20th. Well grown heads will weigh from 2  $\frac{1}{2}$  to 6 pounds. Rapidly increasing in popularity, this vegetable is an excellent salad plant and fine when boiled as you would Cabbage. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid.



Coreless Carrot

first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close texture flesh and little core. Although the roots are comparatively short, they yield as heavily as the larger sorts. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lbs., 75c, postpaid. Not prepaid, 5 lbs., \$3.00.



Chantenay Carrot

## Carotten (Ger.) Healthful CARROTS Tasty Gulerod (Scan.)

**Culture:** Plant  $\frac{1}{2}$  inch deep in well prepared soil, cultivate as soon as plants are well established, and thin to 3 or 4 inches apart in the row. Plantings may be made from early spring to the middle of June. 3 to 5 pounds to the acre. About 3,000 seeds in a packet.

**CORELESS.** The most strikingly handsome early carrot we know. The deep orange roots are exceptionally smooth, cylindrical, 6 inches long by  $1\frac{1}{2}$  inches in diameter, and free from woody heart or core. This is worth a trial. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 80c; 1 lb., \$1.40, postpaid.

### FRENCH FORCING.

The earliest variety, used largely for forcing. The tops are small and the roots almost round and about  $2\frac{1}{2}$  inches in diameter, orange-red in color. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.

### DANVERS HALF LONG.

The best known second early half long sort, a great yielder and a



Danvers Half Long Carrot

**IMPROVED LONG ORANGE.** A standard heavy cropping sort, the orange-red roots grow 10 to 12 inches long at the shoulder, tapering to a point, smooth, sweet and fine grained. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 80c, postpaid. Not prepaid, 5 lbs., \$3.25.

**CHANTENAY or MODEL.** This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with market gardeners. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$3.00.

**IMPERATOR or TENDER SWEET.** One of the finest varieties, always sweet, tender and brittle, the roots are from 7 to  $8\frac{1}{2}$  inches long, 2 inches in diameter at the shoulder and uniformly tapered to a semi-blunt end. The flesh is rich orange with indistinct core. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 80c, postpaid. Not prepaid, 5 lbs., \$3.25.

**MASTODON or SHORT WHITE.** A very heavy yielding stock carrot. The pure white roots are about 8 inches long and 3 inches thick at the shoulder, tapering to a point. This is a remarkably efficient feed for all live stock. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$3.00.

I have used Will's garden seed for 8 years now and am surely well pleased with them. I had to thin my carrots 3 times last summer, and had not put the seed in very thick either.

MRS. C. O. HAGBERG, Ladysmith, Wis. R. No. 3.



Imperial  
Tender Sweet

**CARROTS**

**COLICART or GUERANDE.** One of the most valuable and popular varieties. When fully grown the type is about  $5\frac{1}{2}$  inches long,  $3\frac{1}{2}$  inches thick at the shoulder and about 2 inches thick at the bottom. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. It is very easily dug or pulled and is probably our heaviest yielding carrot. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$2.90.



Pride of Denmark Carrots

**PRIDE OF DENMARK.** A very productive and high quality carrot. The nearly coreless, deep orange roots are from 8 to 9 inches long, and nearly the same size throughout their entire length. The flesh is tender and of the finest quality. In our nursery plantings this variety has yielded the most even and best flavored carrots we have grown. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.75, postpaid.

The Pride of Denmark Carrots are exceptionally good. Are the talk of the town.  
Herman Siemsen, R. No. 2,  
Culdesac, Idaho.



Oxheart Carrot

Blumenkohl  
(Ger.)

**Cauliflower**

Blomkaal  
(Scan.)

One of the Most Profitable Crops for Market and Small Gardeners

**CULTURE:** Cauliflower culture is practically the same as that of Cabbage. One ounce of seed will produce 1500 to 2500 plants. Allow 6 weeks from time of sowing indoors or in hotbed to setting plants in the field in the latter half of May or early June. Gather and tie tops of leaves loosely together as soon as the heads begin to form. About 240 seeds to the packet. **Our pedigreed Danish grown cauliflower seed is the best you can buy anywhere.**

**QUARTER AND HALF OUNCES AT OUNCE RATE**

Danamerica Super Snowball

**DANAMERICA SUPER SNOWBALL.** This has proven to be our surest header and most uniform Cauliflower. The plants are short stemmed with profuse foliage protecting the heads. The heads are deep, very firm and heavy, and snow white. Under proper growing conditions this sort will yield practically 100% grade 1 heads, and seems adapted to a wider range of conditions than any other Cauliflower. Pkt., 20c; oz., \$2.50;  $\frac{1}{4}$  lb., \$9.00.

**DRY WEATHER or DANISH GIANT.** This variety is two weeks later than our strain of Snowball, of heavier growth, with larger heads. It will stand more hot, dry weather than any other sort of its season. Pkt., 10c; oz., \$1.50;  $\frac{1}{4}$  lb., \$5.50.

For Cauliflower Plants, See Page 56.

**DANISH PERFECTION.** This is not quite as early as our extra early strain of Snowball, maturing a week or ten days later. This sort develops heavier foliage than the Snowball, making better protection for the heads. The heads are very firm, solid, and snow white. This is a sure header. Pkt., 10c; oz., \$1.50;  $\frac{1}{4}$  lb., \$5.50.

**LARGE EARLY ERFURT.** One of the leading varieties for market and private use. For reliability of heading, size and solidity of head, it is superior. Pkt., 10c; oz., \$2.00;  $\frac{1}{4}$  lb., \$7.00.

**SNOWBALL.** This is the earliest Cauliflower we list and has given us exceptional results in our own plantings.

The uniform, medium sized heads are very firm, solid and white.  
Pkt., 10c;  
oz., \$1.50;  
 $\frac{1}{4}$  lb.,  
\$5.50.



Snowball Cauliflower

Mais  
(Scan.)EARLIEST  
HARDEST  
QUALITY**SWEET CORN**OUR  
SPECIALTYMais  
(Ger.)**GOLDEN GEM**

**GOLDEN GEM.** The Earliest Golden Sweet Corn. Two weeks earlier than Golden Bantam and of Golden Bantam quality. The 8 rowed ears are 6 to 7 inches long, deep yellow and exceptionally sweet. Golden Gem should be in every home garden and is a money maker for the market gardener. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 31c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.65; 50 lbs., \$7.50; 100 lbs., \$14.00.

**SUNSHINE**

**SUNSHINE.** Larger and Earlier than Golden Bantam. A week earlier than Golden Bantam, the 12 to 14 rowed, golden yellow ears are 8 in. long, and broad, golden yellow kernels are very sweet and tender. Developed at the North Dakota Experiment Station by Professor A. F. Yeager. A great Corn for the home and market garden. Pkt., 5c;  $\frac{1}{4}$  lb., 11c;  $\frac{1}{2}$  lb., 19c; 1 lb., 29c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.45; 50 lbs., \$6.50; 100 lbs., \$12.00.

**NUETTA**

**CULTURE:** Plant in drills about 3 feet apart, one kernel every 8 inches; or in hills 3 to  $3\frac{1}{2}$  feet apart each way, dropping 4 or 5 kernels to a hill. Sweet Corn should not be planted until the ground is fairly warm. One-fourth pound to 100 hills; 8 pounds per acre. One pound of Sweet Corn is a little more than a pint.

Varieties Listed in Order of Earliness

**WILL'S SWEET CORN COLLECTION**

This collection is designed to give Corn lovers the longest possible succession of roasting ears.

PICKANINNY  
GOLDEN GEM  
NUETTA

SUNSHINE  
GREAT PLAINS GOLDEN BANTAM  
WILL'S BANANA CREAM

The Price of the  
Collection, Postpaid

**50c** 2 Ounces of Each of the  
above

**PICKANINNY.** The Earliest Sweet Corn. Developed by a Canadian Experiment Station, the 8 to 10 rowed, very dark blue ears are of good quality. A Wonderful Home Garden Sort. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 21c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.75; 50 lbs., \$8.00; 100 lbs., \$15.00.

**WILL'S EARLY JUNE**

**WILL'S EARLY JUNE.** (Registered U. S. Patent Office.) The Earliest White Sweet Corn. A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious Sweet Corn. The white, eight rowed ears are from 4 $\frac{1}{2}$  to 6 inches long. Pkt., 5c;  $\frac{1}{4}$  lb., 11c;  $\frac{1}{2}$  lb., 19c; 1 lb., 29c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.45; 50 lbs., \$6.50; 100 lbs., \$12.00.



We sure were crazy about your "Golden Gem Corn" last year. It was grand. Came so much earlier than we had ever had corn before.

Mrs. Ada T. Huffman,  
Redmond, Washington.

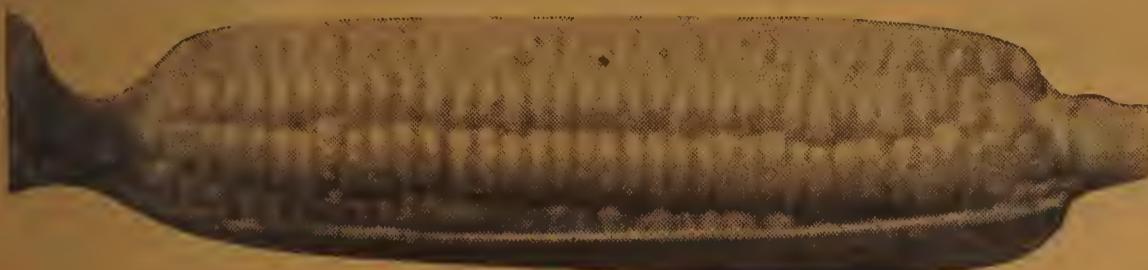
**NUETTA.** The Hardest Sweet Corn, and The Most Productive Variety We Have. The dry seed is red, but when fit for table, the 7 inch long, 8 to 10 rowed ears are a rich golden yellow. Our original seed was obtained from a Mandan Indian 25 years ago. Nuetta yields well under harsh dry conditions, meets the requirements of the mountain country and gives excellent results in the moist climate of the Pacific Coast. Pkt., 5c;  $\frac{1}{4}$

lb., 11c;  $\frac{1}{2}$  lb., 19c; 1 lb., 29c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.45; 50 lbs., \$6.50; 100 lbs., \$12.00.



## Northern Grown SWEET CORN Is Superior

**IMPROVED EARLY DAKOTA.** The largest of the extra early sorts, combining size with earliness. The white ears are 12 to 16 rowed, 7 to 8 inches long, born mostly two to a stalk, very uniform in maturing and of good quality. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 21c; 1 lb., 31c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.65; 50 lbs., \$7.50; 100 lbs., \$14.00.



### GREAT PLAINS GOLDEN BANTAM.

A recombination of a number of smut-resistant selfed strains. This corn has been developed for earliness, drouth resistance, vigor, smut resistance, short shanks and the characteristic of two ears to a stalk. Our stock seed was obtained from the Bureau of Plant Industry, Northern Great Plains Field Station, Mandan, N. Dak. It is far ahead of any other Golden Bantam we have seen. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 21c; 1 lb., 31c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.65; 50 lbs., \$7.50; 100 lbs., \$14.00.

### GOLDEN BANTAM

are 6 to 7 inches long and remain edible for a long time. A heavy producer, our Burleigh County grown strain is superior. Pkt., 5c;  $\frac{1}{4}$  lb., 10c;  $\frac{1}{2}$  lb., 18c; 1 lb., 29c, postpaid. Not prepaid, 5 lbs., 70c; 10 lbs., \$1.25; 50 lbs., \$5.50; 100 lbs., \$10.00.

### GOLDEN CROSS BANTAM

junction with the U. S. Department of Agriculture. About a week later than our Golden Bantam with very uniform ears, usually 16 rowed. This is resistant to Stewart's disease or Wilt. For best results the cross must be made each year and customers will do well not to save seed from their crop, but to purchase new seed each year. The increased yield will pay for it. Pkt., 10c;  $\frac{1}{4}$  lb., 16c;  $\frac{1}{2}$  lb., 26c; 1 lb., 43c, postpaid. Not prepaid, 5 lbs., \$1.75; 10 lbs., \$3.25.



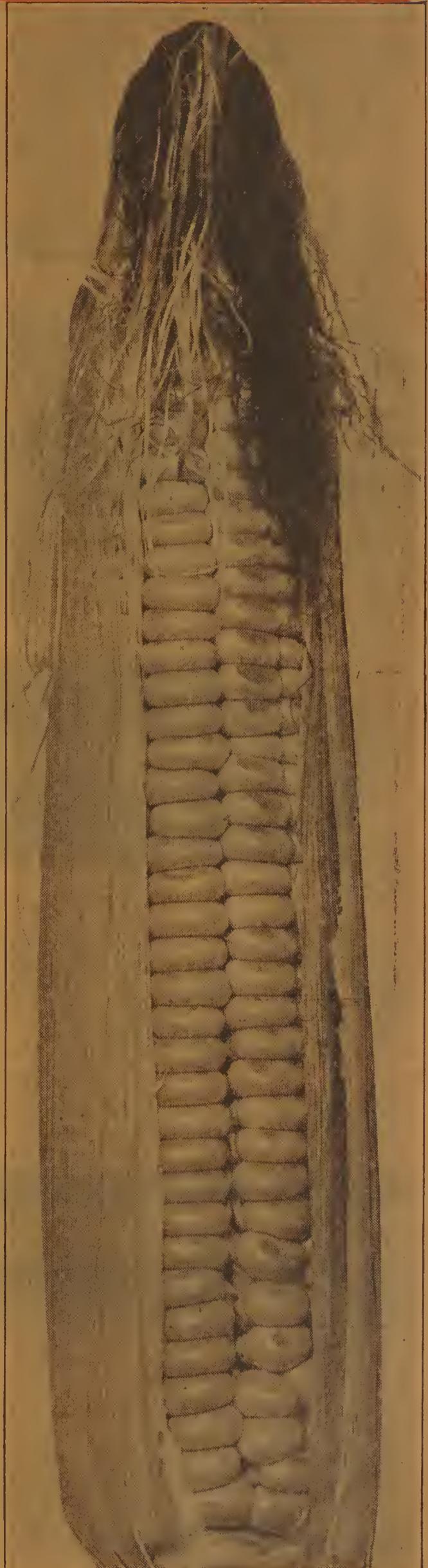
Will's Banana Cream

The best and most popular Sweet Corn. It is the sweetest, most tender and delicious. The 8 rowed ears

A heavy yielding, large eared hybrid developed at Purdue University in conjunction with the U. S. Department of Agriculture. About a week later than our Golden Bantam with very uniform ears, usually 16 rowed. This is resistant to Stewart's disease or Wilt. For best results the cross must be made each year and customers will do well not to save seed from their crop, but to purchase new seed each year. The increased yield will pay for it. Pkt., 10c;  $\frac{1}{4}$  lb., 16c;  $\frac{1}{2}$  lb., 26c; 1 lb., 43c, postpaid. Not prepaid, 5 lbs., \$1.75; 10 lbs., \$3.25.

**WILL'S BANANA CREAM** A large eared, later type, stalks 5 to 7 ft. An unusually delicious creamy white Sweet Corn. The ears are 7 to 8 inches long, 12 to 16 rowed, and remain fit for use for a long time. Pkt., 5c;  $\frac{1}{4}$  lb., 11c;  $\frac{1}{2}$  lb., 19c; 1 lb., 29c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.45; 50 lbs., \$6.50; 100 lbs., \$12.00.

**STOWELL'S EVERGREEN** The Standard White Late Sweet Corn. The 8 inch ears are usually 16 rowed, with very sweet, deep, white kernels. Besides its table uses, the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.65; 50 lbs., \$7.50; 100 lbs., \$14.00.



Golden Bantam

July 23, 1938.  
I have now roasting ears on the Great Plains Golden Bantam Sweet Corn planted May 25th, obviously, believe there is time to raise another crop on the same ground this year, as frost usually holds off till the last of September. Kloyd Jasin, 518 Cottage Ave., Vermillion, S. Dak.

All of our Sweet Corn is grown within 7 miles of Bismarck with the exception of Stowell's Evergreen. This is a safe crop here for table use and fodder, but not a sufficiently certain seed crop to be grown here.

Gurken  
(Ger.)  
Agürk  
(Scan.)

# Crisp CUCUMBERS

For Pickling and Slicing

As soon as the weather becomes warm and settled, plant one inch deep in well prepared soil in hills 4 or 5 feet apart each way with 8 to 10 seeds to a hill. Thin to 4 or 5 plants to the hill. Thorough but shallow cultivation is essential. One ounce of seed will plant about 80 hills.

**STRAIGHT EIGHT.** The most desirable slicing Cucumber, an All American Gold Medal Winner and an outstandingly heavy yielder. The uniform and attractive dark green Cucumbers are 8 inches long, straight and smoothly cylindrical, well rounded at both ends and about 2 inches in diameter. This is one of the best sorts and we offer seed grown by the originator. **Pkt., 7c; oz., 14c; 1/4 lb., 43c; 1/2 lb., 75c; 1 lb., \$1.40, postpaid.**



Earliest of All

**EARLIEST OF ALL.** The Earliest Standard Cucumber of Quality. Profuse and desirable, the deep green Cucumbers are 7½ inches long and 2½ inches thick. Of special value to those who wish to be first on the market and a fine home garden sort. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 90c, postpaid.**

**ARLINGTON WHITE SPINE.** One of the earliest and most productive of the famous White Spine group. The medium dark green fruits are 8 to 9 inches long and 2½ inches through, rounded at the ends. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 90c, postpaid.**



Arlington White Spine Cucumber



Improved Long Green Cucumber

**IMPROVED LONG GREEN.** The standard of slicing quality and unexcelled for pickles when small. The rich, dark green fruits average 12 inches long and about 3 inches through, with crisp, firm white flesh. This is one of the most popular sorts. **Pkt., 5c; oz., 12c; 1/4 lb., 38c; 1/2 lb., 65c; 1 lb., \$1.15, postpaid.**

**WHITE WONDER.** An ivory white symmetrical Cucumber of fine quality. The fruits are 7 to 8 inches long and 3 inches through, white at all stages of growth. **Pkt., 8c; oz., 15c; 1/4 lb., 45c; 1/2 lb., 85c; 1 lb., \$1.50, postpaid.**

**WEST INDIA GHERKIN.** Used exclusively for pickles and distinct from all others. The pale green oval fruits are 2 inches long by 1¼ inches through, small seeded and covered with tender spines. **Pkt., 10c; oz., 20c; 1/4 lb., 50c; 1/2 lb., 90c; 1 lb., \$1.60, postpaid.**



Longfellow or China Long

**LONGFELLOW or CHINA LONG.** A fine home garden sort, unexcelled for slicing with firm, white and crisp flesh. This high quality Chinese variety is very early and the fruits are commonly 20 inches long. The longest cucumber reported in 1938 was 42¾ inches long. About 90 seeds to the packet. **Pkt., 10c; oz., 45c; 1/4 lb., \$1.35, postpaid.**

**EXTRA EARLY SIBERIAN.** The Earliest and Hardest Cucumber. A heavy yielder and two weeks earlier than any other sort, the Cucumbers are six inches long by 2½ inches through, somewhat russeted when ripe. Of good quality, this sort is fine for small pickles and dills as well as for slicing. **Pkt., 10c; oz., 35c.**



Extra Early Siberian Cucumber

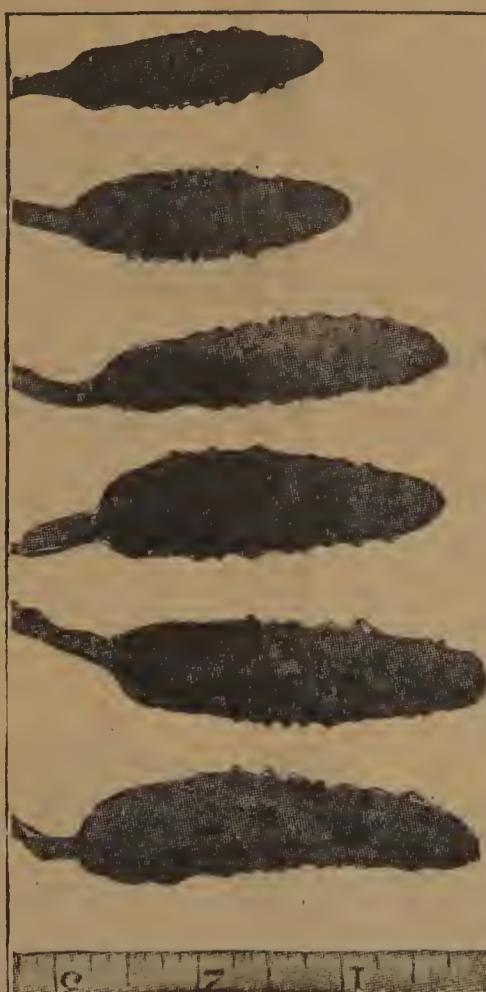
**WILL'S NEW**  
**Improved BUGEX**  
**Kills Cucumber**  
**Pests.** 1 lb., 42c.  
Postpaid.

**DAVIS PERFECT.** A dark, glossy green, thick fleshed sort of fine quality. The Cucumbers average 10 inches long by 2½ inches thick, very tender, brittle with relatively few seeds. **Pkt., 5c; oz., 11c; 1/4 lb., 33c; 1/2 lb., 55c; 1 lb., \$1.00, postpaid.**

# Will's Cucumbers

## EARLY FORTUNE. The best all around

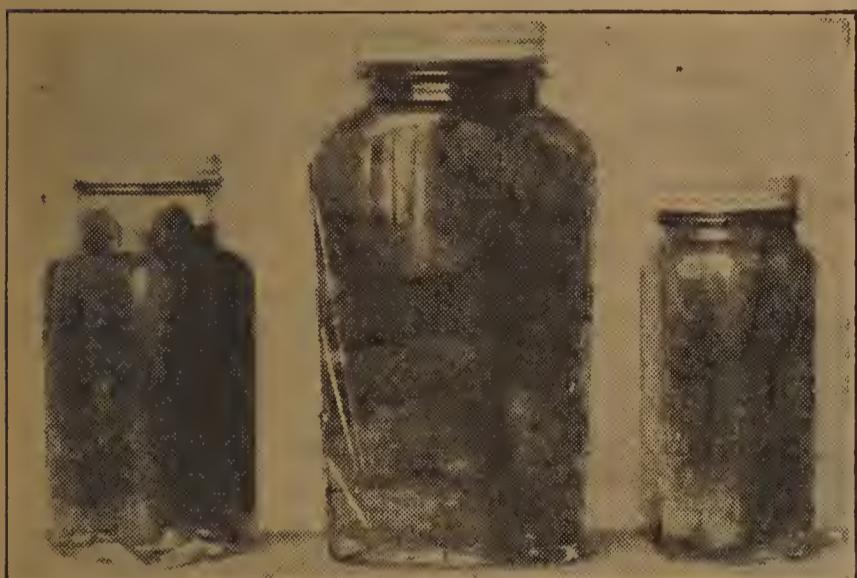
Cucumber. Extra early, rich dark green in color, of perfect quality for slicing, uniform and well shaped for small pickles, it is disease resistant, a tremendous yielder, and retains its color and quality for a long time. The full grown Cucumbers are 8 inches long and 2½ inches through. Pkt., 5c; oz., 11c; ¼ lb., 33c; ½ lb., 60c; 1 lb., \$1.15, postpaid.



**Early Fortune**  
(Pickling Size).



**Early Fortune.**



**Chicago Pickling Cucumbers.**

**CHICAGO PICKLING.** Sturdy, vigorous, best adapted to unfavorable conditions and the most widely grown of all the pickling varieties. It is early and the rich dark green fruits are very uniform. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.

# Pop Corn

**PINKY.** The Best Popper We Know. Developed by Professor A. F. Yeager, this pink Pop Corn is early and a good yielder, pops large, white and tender. In the picture to the right the popped Corn is the product of one ear. Pkt., 5c; ¼ lb., 10c; ½ lb., 19c; 1 lb., 27c, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., \$1.35; 50 lbs., \$6.00.

**JAPANESE HULLESS.** Of wonderful popping quality, this is one of the best sorts. Our North Dakota grown seed is much earlier than ordinary strains. Pkt., 5c; ¼ lb., 10c; ½ lb., 19c; 1 lb., 27c, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., \$1.35; 50 lbs., \$6.00.

**GOLDEN TOM THUMB.** This is the very earliest variety of pop corn grown, and so is exceptionally valuable in the Northwest. Not a heavy yielder and the ears are small, but quality is excellent and it never fails. Pkt., 5c; ¼ lb., 12c; ½ lb., 21c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.75; 50 lbs., \$8.00.

We used to live at Eckelson, N. Dak., and used your seeds for years. **NONE BETTER.**  
MRS. ED. BERMAN, Bagley, Minn.

**IROQUOIS.** This variety is of the **White Rice** type, obtained from the Iroquois Indians of New York some years ago. It is a very good yielder, and so much earlier than the ordinary White Rice that we have quit growing the White Rice. Pkt., 5c; ¼ lb., 10c; ½ lb., 19c; 1 lb., 27c, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., \$1.35; 50 lbs., \$6.00.

**BLACK BEAUTY.** One of the earliest varieties, this sort makes very tender and high quality pop corn. The ears are about six inches long, black or nearly so. They pop pure white. This is not generally regarded as a commercial variety but is one of the best for the home garden. Pkt., 5c; ¼ lb., 12c; ½ lb., 21c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.75; 50 lbs., \$8.00.

## POP CORN FOR POPPING

Not Prepaid, 1 lb., 10c; 5 lbs., 45c; 10 lbs., 85c; 100 lbs., \$8.00.



**Pinky.**



**Japanese Hulless.**

The Siberian Cucumbers do very fine here, ripen seed bushels of pickles.

MRS. W. A. GRAY, Meeker, Colo.

# LETTUCE

**Culture:** Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering seed not over  $\frac{1}{2}$  inch deep. For succession, plant every three weeks. For best head lettuce, start indoors in early spring and transplant outside. One ounce for 200 feet of drill. About 2,000 seeds to the packet.

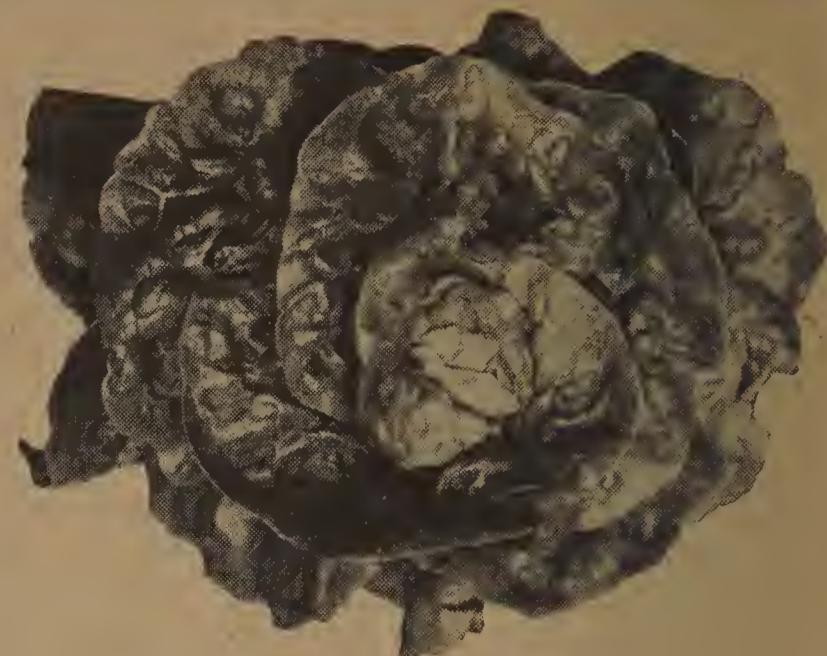
Kopfsalat  
(German)

HEADING  
VARIETIES

Salat  
(Scandinavian)

**MIGNONETTE.** The Earliest and Surest Heading Sort. **Fine for Home Gardens.** One of the hardest heading of all Lettuces, the heads are small and solid and the outer leaves are dark green shaded with brown. One of the most delicately flavored and tender of the crisp varieties, its earliness and quality make it one of the very best sorts for the home garden. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.75, postpaid.

**IMPROVED HANSON or NONPARA-**  
**REIL.** A very reliable, sure heading variety. The large, solid heads are of fine texture, rich and sweet flavored. The light green outer leaves are much crumpled and frilled. Improved Hanson withstands heat and drouth and is slow to go to seed. We recommend this variety. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 37c;  $\frac{1}{2}$  lb., 63c; 1 lb., \$1.15, postpaid.



Black Seeded Tennisball

Improved Hanson

**BLACK SEDED TENNIS-BALL or SALAMANDER.** One of the surest heading sorts under all conditions. The heads are large, round, solid and of fine quality. The outer leaves are a clear medium green, broad and crumpled. Withstanding heat well, this is one of the surest heading sorts for the Northwest. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.

**ICEBERG.** A home garden sort. The heads are large, solid, crisp, well blanched and very sweet. The outer leaves are crumpled and blistered with brownish tinge along their borders. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 68c; 1 lb., \$1.25, postpaid.

**CRISP AS ICE or HARTFORD BRONZE HEAD.** A popular home garden variety, a buttery sureheader of delicate flavor and tender quality. The outer leaves are deep green overlaid with brown. In our trials, the compact, medium sized heads of this sort seem to withstand hot, dry weather better than any other sort. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 38c;  $\frac{1}{2}$  lb., 65c; 1 lb., \$1.20, postpaid.

We always use your seeds and have good garden. Have used your seeds for over 20 years. Mrs. Chris. Swendsen, Pickardville, N. Dak.

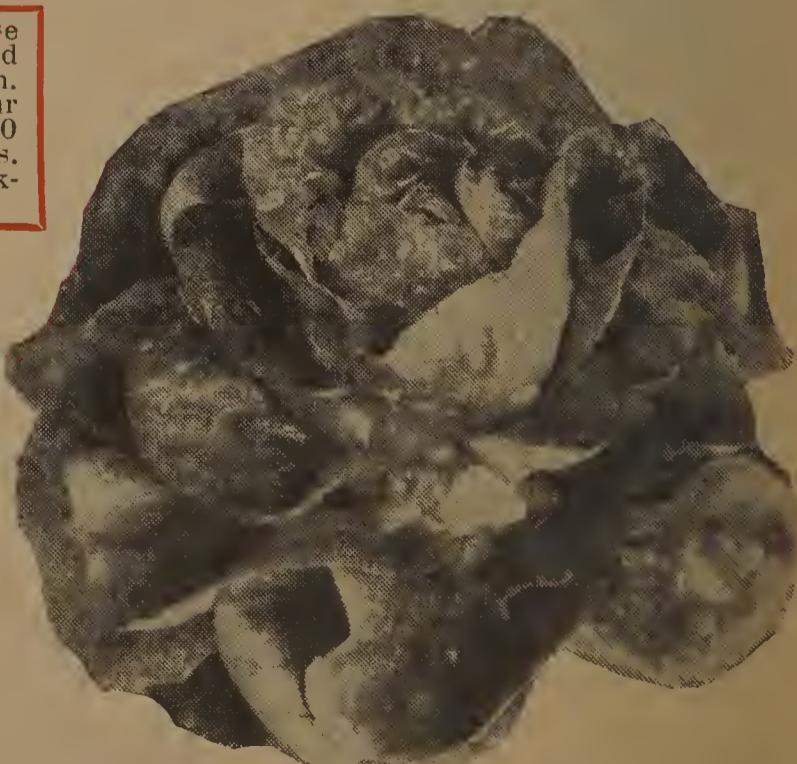


May King

**MAY KING.** A very early heading variety. The outer leaves are light green tinged with brown at the edges. The heads are small, firm and of fine quality, with golden yellow inner leaves. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 38c;  $\frac{1}{2}$  lb., 65c; 1 lb., \$1.20, postpaid.

**BIG BOSTON.** One of the most popular and widely grown sorts. The plants are large, hardy and vigorous. The large heads are bright green, lightly tinged with brown on the outer leaves, very tender and crisp. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.10, postpaid.

**PARIS WHITE COS.** This is a distinct type of Lettuce with conical, rather tight, dark green head with smooth thick leaves. Blanches to a beautiful white inside, becoming exceedingly crisp and sweet. Pkt., 8c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.



Crisp As Ice Lettuce from "Oscar Will & Co." is the best lettuce for us. Of course we are satisfied with all your seeds!

W. E. Nickel, Wolf Point, Mont.

Crisp-As-Ice

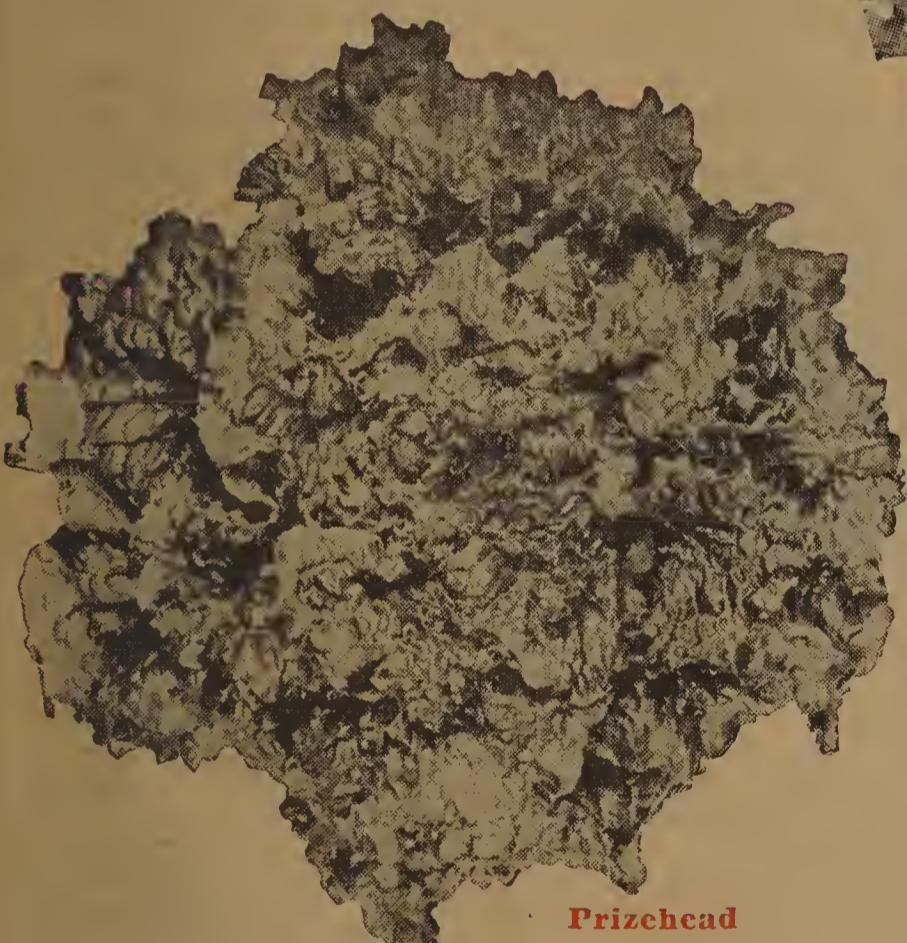


New York Lettuce

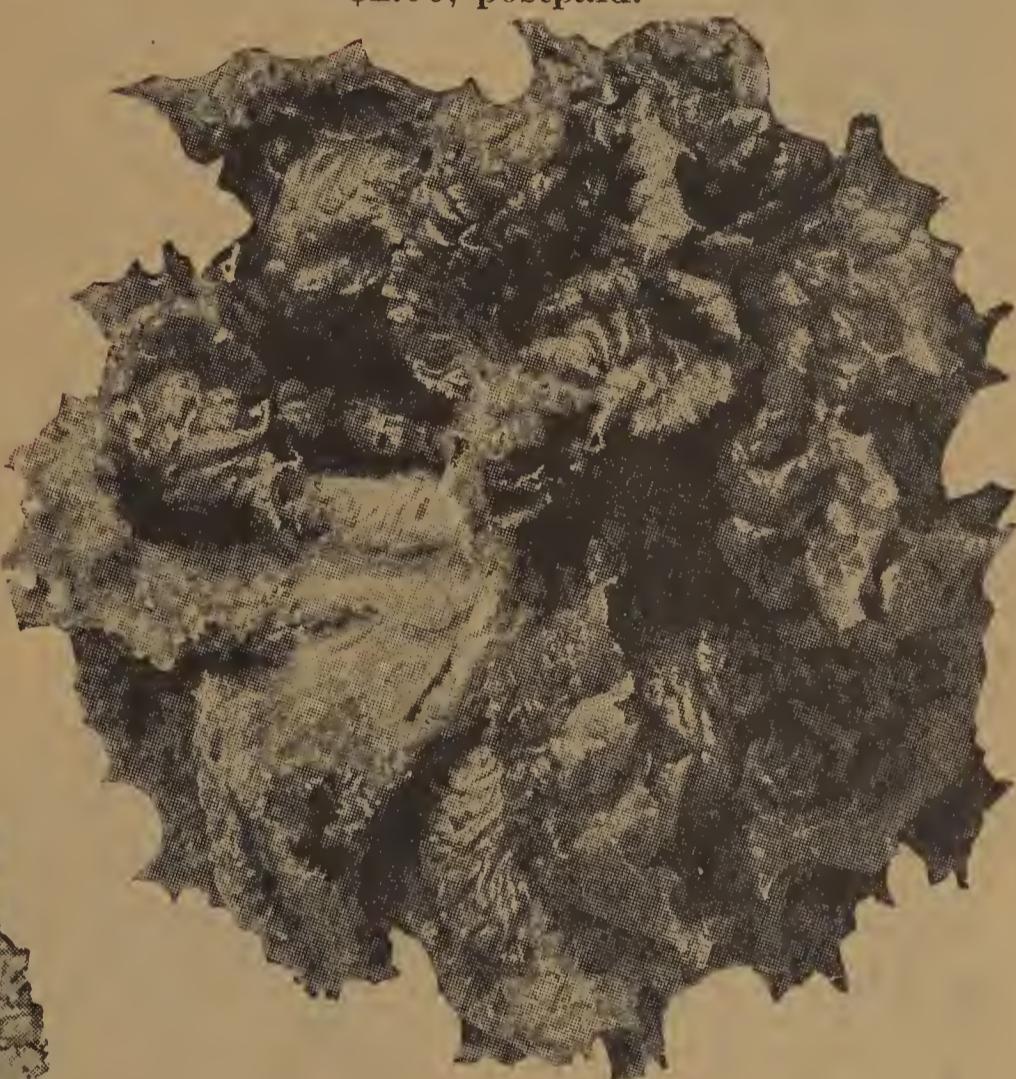
## CURLED or LOOSE HEAD VARIETIES

### EARLY CURLED SIMPSON—WHITE SEEDED.

**SEEDED.** Early, Hardy, and Dependable, probably our best Leaf Lettuce. The plants are large, but compact. The broad leaves are light green, much crumpled and frilled, crisp, tender and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.



Prizehead



Early Curled Simpson

**GRAND RAPIDS.** Very tender, and fine for early planting. The crisp, curled leaves are light green, blistered and crumpled, with heavily fringed borders. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.

**BLACK SEEDED SIMPSON.** A popular, quick growing, large crisp sort. The light, yellowish green leaves are frilled and crumpled, of excellent quality. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.

**PRIZEHEAD.** An easily grown variety and fine for the home garden. Early, compact in growth and stands heat. The leaves are much crumpled and frilled, bright green tinged with brownish red, and very crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.

**HERBS:** **ANISE.** Used in garnishing and flavoring. Seeds are aromatic. Pkt., 10c; oz., 20c.

**CARAWAY.** Grown for seeds which are used in flavoring. Pkt., 5c; oz., 15c.

**CATNIP.** Leaves used for seasoning. Plant this and make your cat happy. Pkt., 10c. **DILL.** The stalks and seeds are used for pickling cucumbers. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

**HOREHOUND.** Used for seasoning and as a cough remedy. Pkt., 10c.

**LAVENDER.** Its flowers are used in perfumery. Pkt., 10c.

**MUSTARD (Large White Seeded).** Seed used in flavoring pickles. Pkt., 5c; oz., 10c.

**ROSEMARY.** Aromatic leaves used for seasoning. Pkt., 10c.

**SAGE.** The most extensively used herb for seasoning and stuffing. Pkt., 10c; oz., 40c.

**SUMMER SAVORY.** Leaves and flowers flavor soups and dressings. Pkt., 10c.; oz., 20c.

**SWEET MARJORAM.** Leaves and ends of shoots used for seasoning, both green and dried. Pkt., 10c; oz., 20c.

**THYME.** A tea made of leaves is a remedy for headache. Pkt., 10c.

**WORMWOOD.** Beneficial for poultry; should be planted in poultry yards. Pkt., 10c.

## More Head Lettuce

**NEW YORK or WONDERFUL.** The outstanding heading variety — known in all markets. A large, round, solid, heavy heading Lettuce with rich dark green outer leaves. We offer two types:

**New York No. 515.** The earliest and surest heading. White seeded. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.50, postpaid.

**Imperial No. 847.** Originated by Dr. Jagger of the U. S. Department of Agriculture, it is blight resistant and withstands heat and tip burn. Black seeded. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.



Dill

Pfeffer (German)

Your Choice  
of Hot or Sweet

# Peppers

Spansk Peber (Scandinavian)

**Culture:** Sow seed indoors or in hotbed in March, transplanting before setting in the garden the last of May. Set in rows about  $2\frac{1}{2}$  feet apart and about 18 inches apart in the row. About 200 seeds to the packet. Our Pepper Seed is treated to promote germination and prevent seed borne diseases.



Harris Early Giant

**KING OF THE NORTH.** An early heavy yielding, very large pepper, 6 inches long and 4 inches across, but little later than Harris Early Giant. The dark green skin turns to rich red when ripe and the flesh is medium thick, firm and mild. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c.

**HARRIS EARLIEST.** The Earliest Pepper, will produce an abundance of Peppers even in an unfavorable season. The plants are compact with fruits averaging 3 inches long and  $2\frac{1}{2}$  inches through, bright green and turning red when ripe. The flesh is thick and mild. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

**HARRIS EARLY GIANT.** The Earliest Large Sweet Pepper. The plants are vigorous and very productive. The Peppers average  $4\frac{1}{2}$  inches long and  $3\frac{1}{2}$  inches through, dark green, turning to brilliant red. The flesh is thick, meaty and mild. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.20, postpaid.

**TOMATO-SQUASH or SUNNYBROOK.** The fruits are Tomato shaped, about 2 inches in diameter, with very thick and extremely mild flesh. The deep green fruits ripen to a bright red. Can be used in every way as a Pimiento Pepper. Pkt., 10c; oz., 50c.

**RUBY KING.** One of the most dependable and satisfactory mild varieties for both home and market gardens. Pkt., 10c; oz., 30c.

**RED CAYENNE.** Long, red, hot. Pkt., 10c; oz., 35c.



Harris' Earliest

Pepper and Celery  
PLANTS  
On Page 56

# Celery

Sellerie

(German)

Selleri

(Scandinavian)

**GOLDEN PLUME or WONDERFUL.** The Best of the Self Blanching Sorts, early, large and vigorous. The plants are sturdy and compact, resistant to blight and rust, with heavy stalks and full hearts of excellent quality, blanching readily. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.30, postpaid.

**GOLDEN SELF BLANCHING**—Dwarf Strain. Very popular because of earliness and ease of blanching. The stalks are thick, solid and sweet, blanching to a golden yellow. This is a fine home garden variety. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.20, postpaid.

**WHITE PLUME.** One of the earliest varieties and most easily blanched. A rapid grower it is not a very good keeper, but one of the best sorts for fall and early winter. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c, postpaid.

**WINTER QUEEN.** A very solid and crisp variety with double the amount of heart of any known celery. One of the very best keeping varieties. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c, postpaid.

**GIANT PASCAL.** A compact, vigorous sort, a good keeper and one of the best varieties for Fall and Winter. Pkt., 8c; oz., 25c;  $\frac{1}{4}$  lb., 75c, postpaid.

**CELERIAC OR TURNIP-ROOTED CELERY—GIANT PRAGUE.** This is a celery of which only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. Pkt., 8c; oz., 22c;  $\frac{1}{4}$  lb., 60c, postpaid.



Golden Self-Blanching Celery

**Culture:** For early planting, sow indoors in February or March. One eighth inch of soil to cover seed is sufficient. Transplant indoors and set outside in late May, in rows 3 feet apart and 6 inches apart in the row. Celery requires enough water at all times so that its growth is not checked. Soil or boards may be used to blanch the stalks.



Celeriac or Turnip-Rooted Celery.

# WATER GARDENING OR CHEMICAL GARDENING

Water or Soil-less Gardening, though widely popular, is still in the experimental stage. If you wish to experiment, we offer:

**Plantercraft Water Culture Kit No. 11,** including: ornamental culture vessel, tray, moss aeration pump, nutrient chemicals and directions, postpaid.....\$1.95

**Plantercraft Ready Mixed Nutrient Chemicals, No. 12, 2 Ounces,** sufficient to operate a 2 quart vessel a year or make 15 gallons of nutrient solution with directions, postpaid..... .60

Pastinake  
(German)**PARSNIPS**Pastinak  
(Scandinavian)

**Culture.** Sow as early in spring as possible, in rows not less than 18 inches apart and about  $\frac{1}{2}$  inch deep. The ground should be deeply plowed and well cultivated. Thin to 4 inches apart in the row as soon as the plants are well started. A freeze improves the quality of the roots. About 1200 seeds to the packet. One ounce for 200 feet of drill; 4 to 5 pounds per acre.

Improved Guernsey Parsnip.

**LONG SMOOTH or HOLLOW CROWN.** A great cropper, tender, sugary and considered one of the best for general cultivation. Roots average 15 inches long by 3 inches in diameter. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 24c;  $\frac{1}{2}$  lb., 40c; lb., 70c, postpaid.

**IMPROVED GUERNSEY.** This is the thicker, heavier type of Parsnip. Fine grained and sweet flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 24c;  $\frac{1}{2}$  lb., 40c; lb., 70c, postpaid.

Melonen-Kürbiss  
(German)**PUMPKINS For the Northwest**Graeskar  
(Scandinavian)

**CULTURE.** Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons. About 40 seeds to the packet. One ounce to 30 hills; 3 to 4 pounds per acre.

**CONNECTICUT FIELD or BIG TOM.** A solid, oblong, orange Pumpkin more planted with corn than any other variety and a heavy yielder. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 22c;  $\frac{1}{2}$  lb., 35c; lb., 60c, postpaid.

**SWEET SUGAR or NEW ENGLAND PIE.** The Best Pie Pumpkin, earliest and best of the standard sorts and by far the sweetest. The pumpkins are round, slightly flattened, weighing 6 to 8 pounds apiece. The skin is a deep orange and the orange yellow flesh is thick, dry, fine grained and sweet. This is a very good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 24c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c, postpaid.

**KING OF MAMMOTHS.** The giant among Pumpkins, weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. Pkt., 8c; oz., 15c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 65c; lb., \$1.10, postpaid.

**OMAHA.** A very early, oblong, orange, thick meated sort. This is a selection from seed obtained through Dr. Melvin Gilmore from the

Omaha Indians. Of fair quality, its earliness is its outstanding characteristic and fits it for areas where Pumpkins could not otherwise be grown. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c, postpaid.



Fort Berthold.

**FORT BERTHOLD.** The earliest Pumpkin, small, flattened and of good quality. Developed from seed obtained from the Mandan and Arikara Indians, it is very hardy. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c, postpaid.

I am editor of the garden page of the "Western Producer," a farm paper, and I do a lot of experimenting on my own account, and have met with a lot of success with your seeds, I find them drouth resistant and very early and well adapted to our conditions here.

MRS. S. V. HAIGHT, Keeler, Sask., Canada.

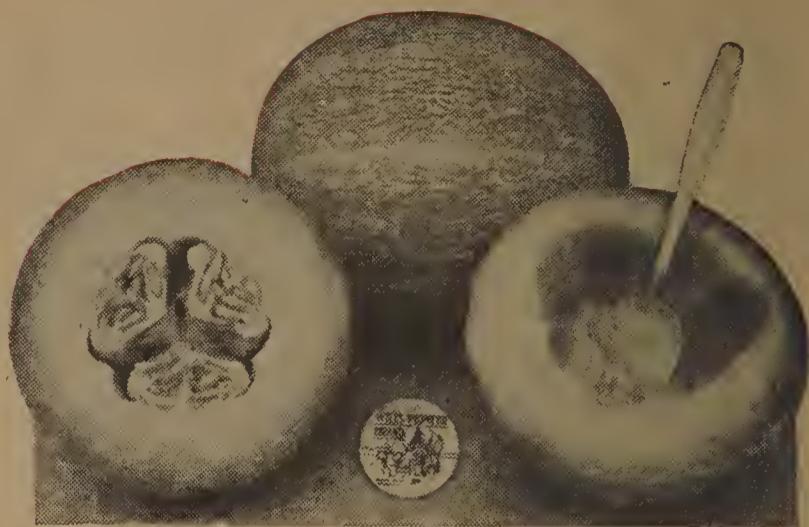
Melone  
(Ger.)

# Early MUSKMELONS Hardy

Melon  
(Scan.)

**Culture.** When the ground has become warm, plant in hills about 5 feet apart each way, 8 to 12 seeds to the hill. When danger of insects is past, thin to 3 or 4 plants to the hill. Cultivate thoroughly throughout the season, not to exceed 2 inches deep. One ounce of seed to 75 hills; 2 to 3 pounds to the acre. About 125 seeds to the packet.

**EXTRA EARLY OSAGE.** One of the earliest salmon fleshed varieties of quality and one of the best sorts grown. The oval fruit is dark green, slightly ribbed and gray netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick, juicy and sweet, of very high quality. A grand sort for northwestern conditions; ideal for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 11c;  $\frac{1}{4}$  lb., 28c;  $\frac{1}{2}$  lb., 48c; 1 lb., 85c, postpaid.



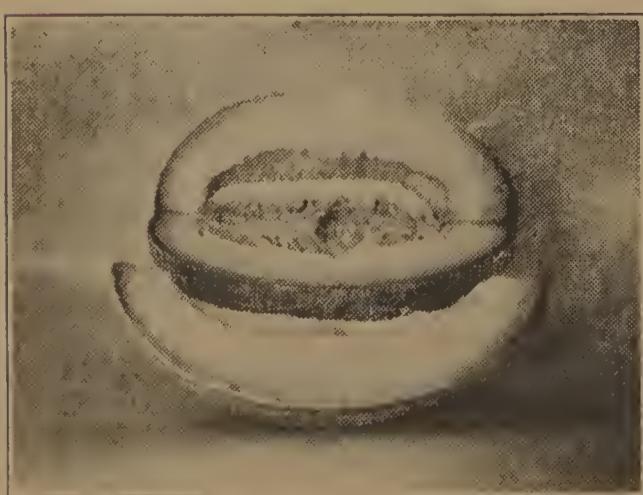
Extra Early Osage



Sugar Rock or Honey Rock

**EXTRA EARLY KNIGHT.** The best green fleshed Muskmelon, medium sized, oval, distinctly ribbed and well netted. The flesh is fairly thick, juicy and very sweet, a medium green blending to a light pink near the center. We consider this productive sort one of the best for the Northwest. Pkt., 5c; oz., 11c;  $\frac{1}{4}$  lb., 28c;  $\frac{1}{2}$  lb., 48c; 1 lb., 85c, postpaid.

**EMERALD GEM.** An extremely early sort. The fruit is a rich emerald-green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, sweet and luscious. The vines are hardy and very prolific. One of the best Melons for home garden and local market. Pkt., 5c; oz., 11c;  $\frac{1}{4}$  lb., 28c;  $\frac{1}{2}$  lb., 48c; 1 lb., 85c, postpaid.



Early Tye

**EARLY TYE.** A very early melon of superior quality, oval, medium sized, ribbed and somewhat netted, the orange flesh is thick and of good quality. A good hardy and prolific home garden melon for the Northwest. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.50, postpaid.



Extra Early Knight

**VINE PEACH (Vegetable Orange or Mango Melon).** This prolific fruit is the size of a medium orange, and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a peach. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c, postpaid.

We find your seeds do well for this part of country. Have had wonderful luck with your melons.

IRVIN B. MARTIN,  
Hinckley, Minn.

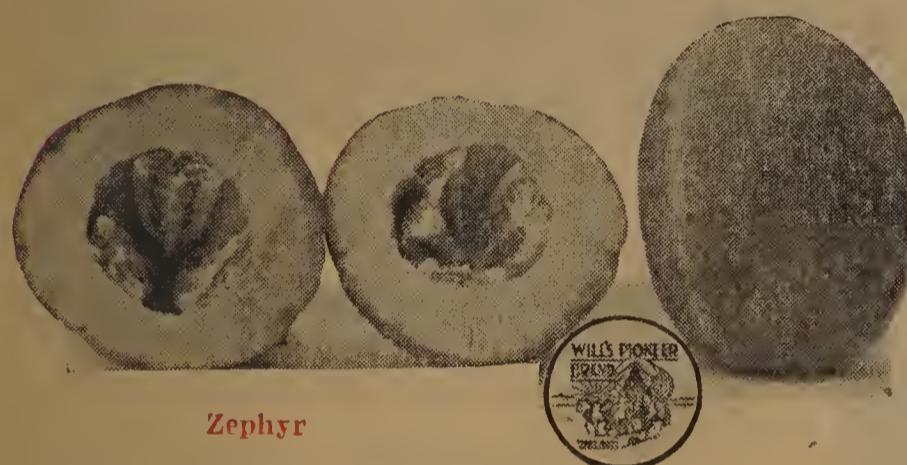
# MUSKMELONS

**LAKE CHAMPLAIN or GOLDEN CHAMPLAIN.** A very early variety, medium sized, round, heavily netted and moderately ribbed, with thick spicy orange flesh. A heavy yielding quality melon for home and market garden.

**Chipman's Strain.** Ten days earlier than the standard Lake Champlain and the earliest melon of good quality; developed by the late George F. Chipman, for many years editor of the Country Guide of Winnipeg, Canada. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 90c; 1 lb., \$1.75, postpaid.

**Standard Stock.** Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 90c, postpaid.

**HALE'S BEST.** The Earliest and Best of the Rockyford Type. The medium sized, nearly round melons are heavily netted. The deep orange flesh is very thick and of rich flavor. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 90c, postpaid.



Petersilie  
(Ger.)

**CULTURE.** Soak the seed a few hours in lukewarm water and sow early in spring in drills at least one foot apart, covering the seed not more than one-half inch. It is rather slow to germinate. About 2,000 seeds to the packet.

**PARAMOUNT.** A very uniform variety with very tightly and finely curled leaves of unusually rich dark green. This is an outstanding sort. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 33c; 1 lb., \$1.00, postpaid.



Rhubarb

Rhabarber  
(Ger.)

**MONARCH.** Ours is a good strain of long service and a standard sort. The leaf stalks are numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor and excellent for preserving. About 250 seeds to packet. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.00.

## Rhubarb or Pieplant

Rhabarber  
(Scan.)

## Rhubarb Roots

**McDONALD.** Very large and prolific, practically without seed stalks, makes fine flavored pink sauce. Each, 45c; doz., \$4.50; postpaid, each, 50c; doz., \$5.00.

**RUBY.** Slightly smaller than the McDonald and seeds at times. Makes the most delicious ruby red sauce. Each, 45c; doz., \$4.50; postpaid, each, 50c; doz., \$5.00.

**CANADA RED.** See Page 1. Each, \$1.60, postpaid.



Lake Champlain—Chipman Strain

**ZEPHYR.** (See inside front cover.) An Early and Heavy Yielding Oval Orange Fleshed Melon developed by Dr. A. F. Yeager at the North Dakota Experiment Station. It is a bit variable in type, but a very heavy yielder. Five tons of this melon, all ripened before September first, were picked from a third of an acre at the Experiment Station. Pkt., 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c, postpaid.



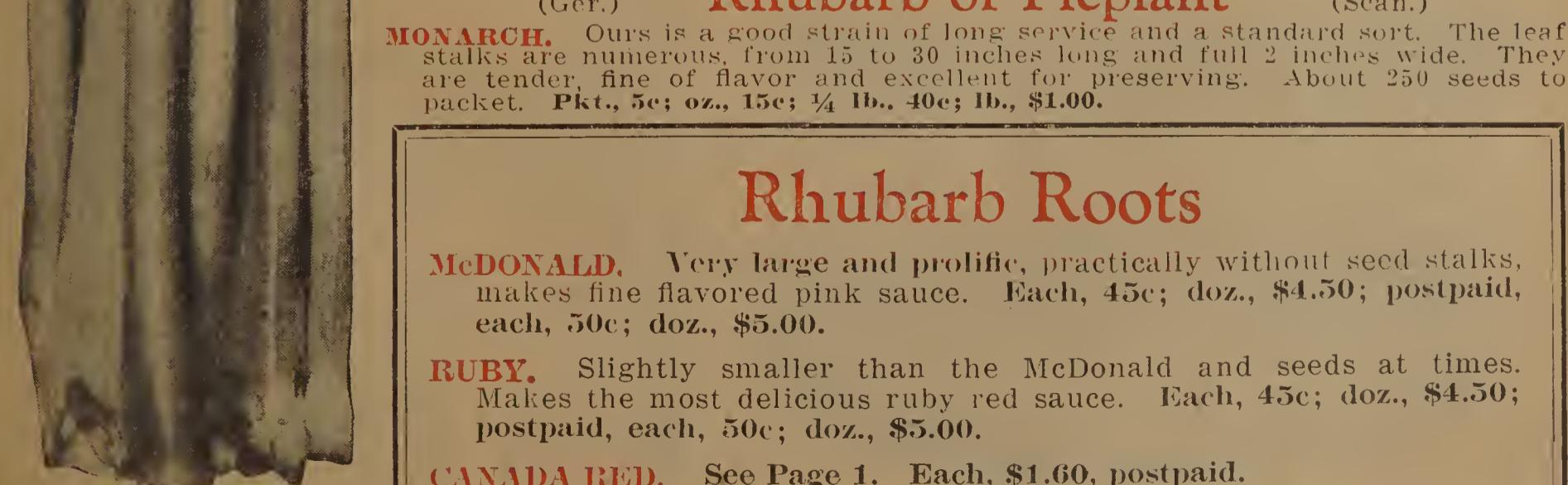
Moss  
Curled  
Parsley

Persille  
(Scan.)



**CHAMPION MOSS CURLED.** Leaves beautifully curled, mosslike, of the richest green. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 70c, postpaid.

**TURNIP ROOTED.** The roots, instead of the tops, are used for soups and flavoring meats; gives richer flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c, postpaid.



Wasser-Melone  
(Ger.)

## Will's Early WATERMELONS

Vandmelon  
(Scan.)

**CULTURE.** When the ground has become warm, plant in hills 8 or 10 feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground. **One ounce of seed for 30 hills; 3 to 5 pounds per acre.** About 100 seeds to the packet.

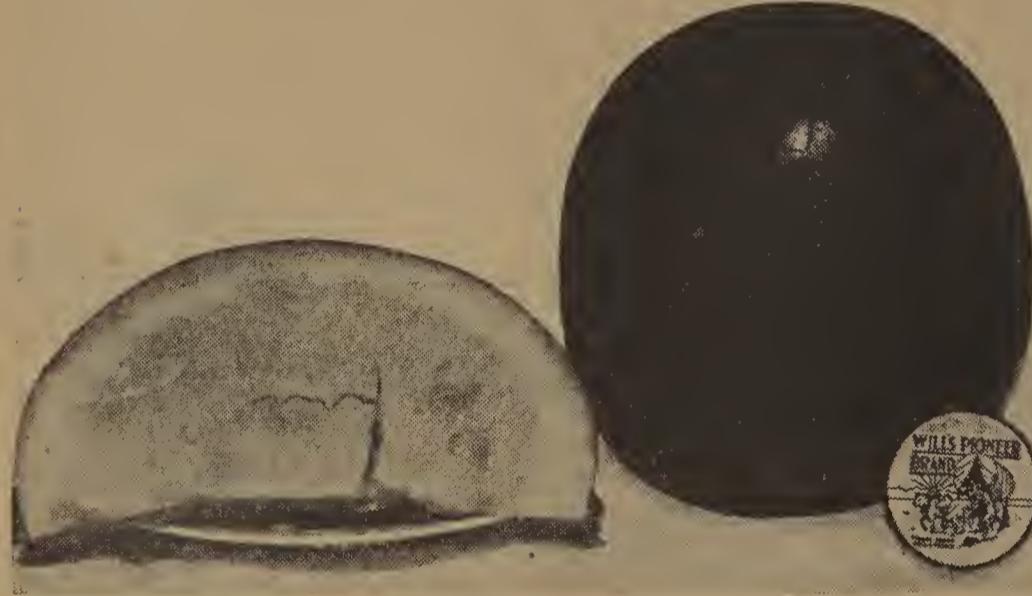
**WILL'S SUGAR.** One of the sweetest and earliest melons, hardy, heavy yielding, and of very fine quality. This pioneer variety was introduced by us in 1888, and remains a favorite. The Melons are round, weigh from 6 to 10 pounds, are medium green, striped with dark green. The bright red flesh and small black seeds make a pleasing contrast. **The watermelon for the Northwest.** Pkt., 8c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 75c; 1 lb., \$1.35, postpaid.

**FAVORITE HONEY.** See inside front cover. Very early, productive, yellow fleshed sort from Japan and a stand-out in the trials of the North Dakota Experiment Station. This small, oval Melon is the sweetest we have ever tasted. Pkt., 15c; oz., 30c.

**KLONDIKE.** An early, high quality Melon. The skin is dark green, and the bright deep red flesh has no equal in eating qualities. The Melons weigh from 20 to 25 pounds. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 80c, postpaid.



Field View of Wills Sugar Watermelons



Cole's Early

**ARIKARA.** The Earliest Watermelon. A sure and prolific producer of small Melons running from 7 to 12 inches in diameter with almost black skin. The pink flesh is sweet and pleasant, somewhat coarse and of fair quality. If you have trouble raising ripe Watermelons, try this one. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.60, postpaid.

**WINTER QUEEN.** A high quality, heavy yielder of medium sized, round white skinned Melons with clear bright red flesh and black seeds. Fine at maturity, if stored in a cool, dry place will keep until Christmas. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 80c, postpaid.



Winter Queen



Kleckley Sweets

**KLECKLEY SWEET or MONTE CRISTO.** One of the sweetest Watermelons, medium early, cylindrical, and tapering slightly toward the stem end, the Melons weigh up to 40 pounds. The skin is a very dark green and the rind is thin and tender. The flesh is bright red, crisp and very sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 23c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c, postpaid.

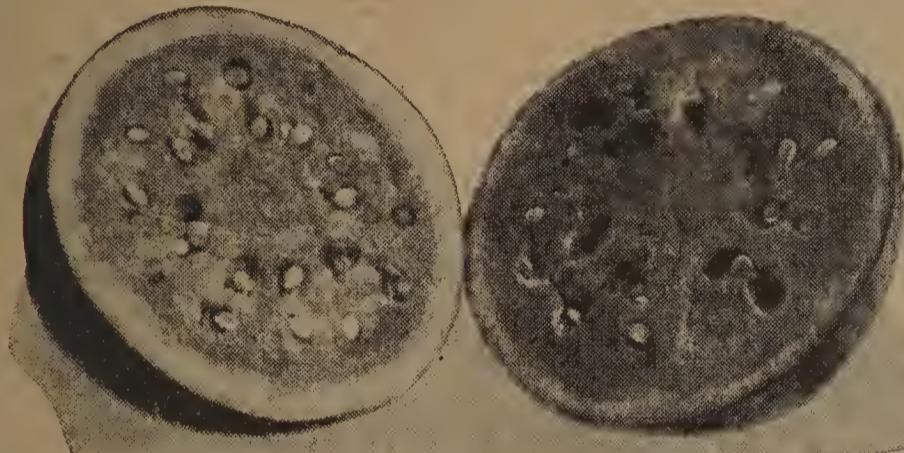
**PEERLESS or ICE CREAM.** Early and one of the best sorts for Northern gardens. The Melons are a short oblong, medium green with fine veining. The flesh is bright scarlet, crisp and as sweet as honey. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 23c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c, postpaid.

**CITRON** (Red Seeded.) A round, handsome fruit of small size, with white, solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; 1 lb., 75c, postpaid.

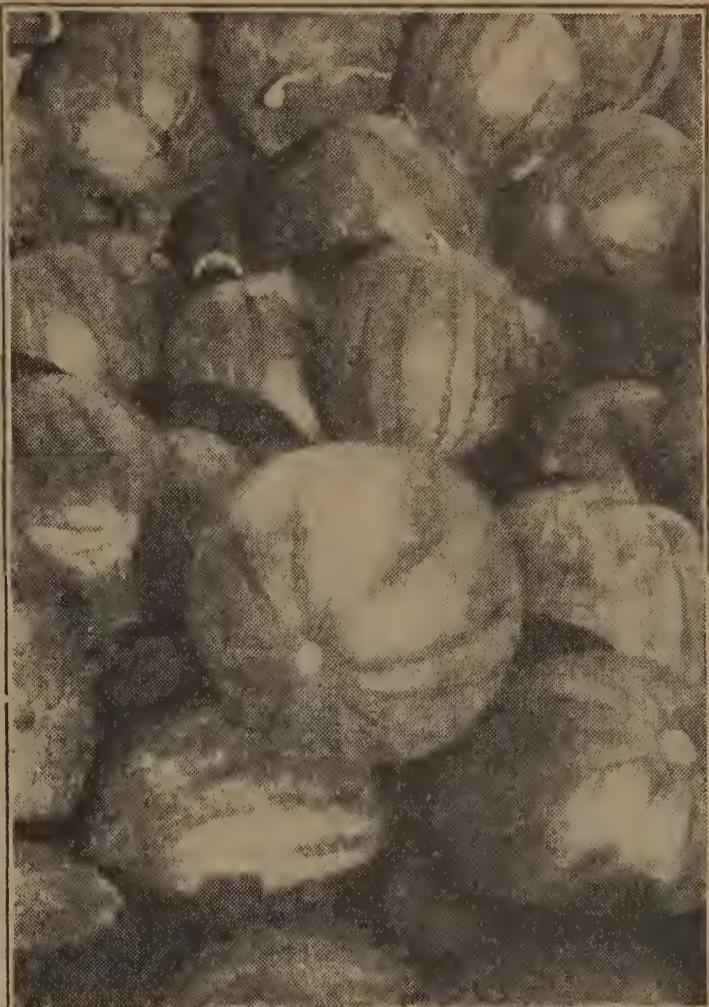
# WATERMELON DAKOTA SWEET

## Early—Hardy—Fine Quality

If there is any better melon for the Northwest, we haven't seen it. Of Russian origin, its outstanding qualities caught the eyes of Professor A. F. Yeager. Though similar to Northern Sweet, we regard it as much superior. The melons weigh from 9 to 14 pounds; the thin rind is medium green with darker stripes; and the flesh is bright red, crisp and very sweet. A heavy cropper and very early, ripening in 9 to 10 weeks. Melons should be picked as soon as ripe. Our crop the past season was very heavy and you should have seen close to 200 Burleigh County 4H Club youngsters eating Dakota Sweets. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.60, postpaid.



Dakota Sweet Watermelon



Looking down on a 3 ton truckload of Dakota Sweets from our nursery

I have planted your watermelon seed for several years and find that they ripen the best of any kind I have tried here.

MRS. HOBART H. CULLEY,  
Route 2, Sand Point, Idaho.

**A planting of sets for green onions should be in every garden.** Unless otherwise instructed, we shall hold Onion Sets until danger of freezing in transit is past. A bushel of Onion Sets is 32 lbs., except with Top Sets, which are 28 lbs. to the bushel. Price, peck and over, subject to change.

### ONION SETS

**EBENEZER YELLOW BOTTOM ONION SETS.** Fine for green Onions, these are surer to form large Onions than any other sets. The quality is superior and the yield is larger. 1 lb., 23c; 4 lbs., 62c, postpaid. Not prepaid, peck, 85c;  $\frac{1}{2}$  bu., \$1.50; bu., \$2.75.

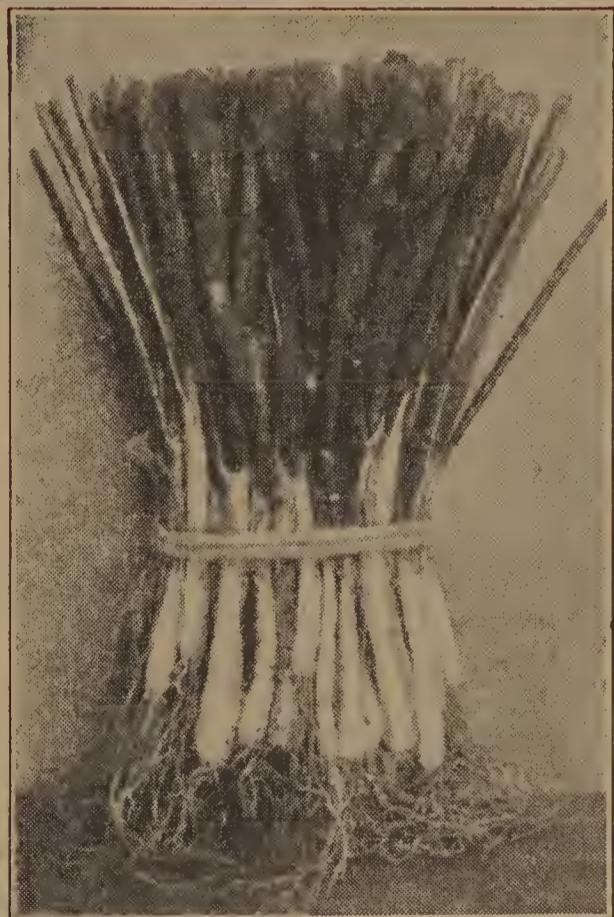
**WHITE BOTTOM SETS.** Milder than the yellow or red sorts and preferred by some on account of their color. 1 lb., 23c; 4 lbs., 62c, postpaid. Not prepaid, peck, 85c;  $\frac{1}{2}$  bu., \$1.50; bu., \$2.75.

**RED BOTTOM SETS.** Fine, well cured sets. 1 lb., 22c; 4 lbs., 60c, postpaid. Not prepaid, peck, 80c;  $\frac{1}{2}$  bu., \$1.45; bu., \$2.60.

**TOP or WINTER ONION SETS.** Perennial. Live in the ground all winter and start very early in the spring. 28 lbs. to the bushel. 1 lb., 30c, postpaid. Not prepaid, peck (7 lbs.), \$1.35; bu., \$5.00.

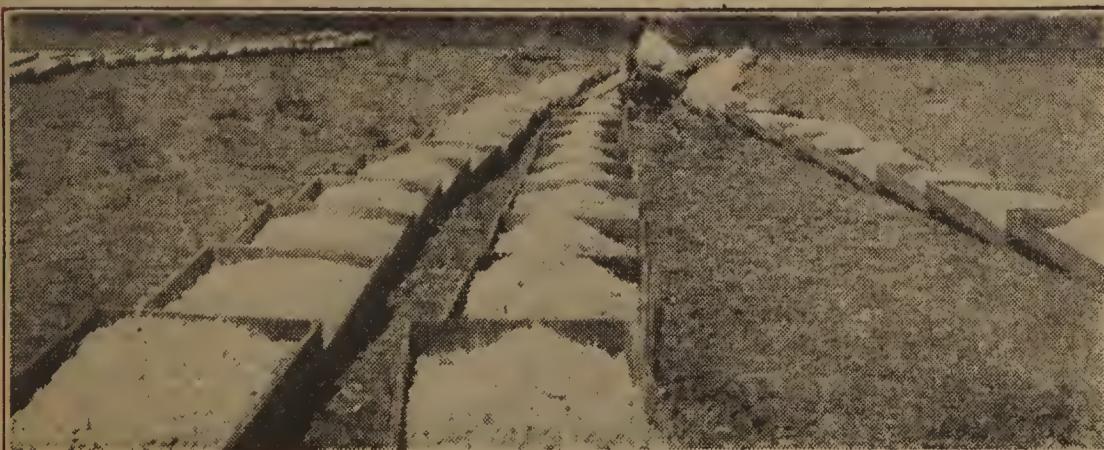
**MULTIPLIER ONIONS.** Also called Bunch Onions or Potato Onions, and very mild. Excellent for early spring Onions. 1 lb., 28c, postpaid. Not prepaid, peck, \$1.20; bu., \$4.25.

**GARLIC**      **BAVARIAN.** Lb., 36c; 5 lbs., \$1.40, postpaid.



### BERMUDA ONION PLANTS

Seed is sown early in Texas and plants lifted to produce Onions of Bermuda quality in northern gardens. Our Texas grower ships bangup plants to us under state certificate of inspection. We include cultural directions with each purchase. We can furnish either Yellow Bermuda, White Bermuda (Crystal Wax) or Sweet Spanish. Package of 85 to 125 plants, 25c; 500 plants, 80c; 1,000 plants, \$1.40, postpaid. Crate of 6,000 plants, not prepaid, \$5.00.



Onion Sets at Our Nursery

Zwiebel  
(Ger.)

## WILL'S PIONEER BRAND ONION SEED

Roedloeg  
(Scan.)

**Culture:** Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering  $\frac{1}{2}$  inch deep. One ounce for 300 feet of row, 4 to 5 pounds to the acre. About 750 seeds to the packet.

**RED WETHERSFIELD.** One of the oldest and best strains, a sure and heavy yielder. It is early, yet a splendid keeper. The bulbs are large, flat and a deep purplish red. The flesh is pinkish white and fairly mild. It is a favorite on poor or dry soils. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid. Not prepaid, 5 lbs., \$7.50.



Montana White Portugal or Silverskin

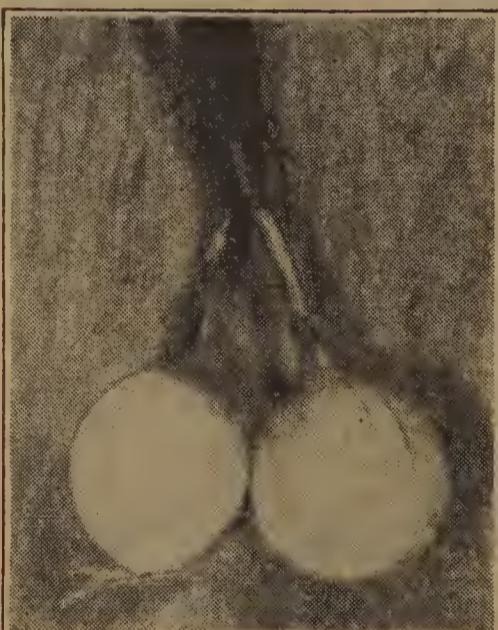
**SOUTHPORT WHITE GLOBE.**

This attractive, pure white, thin-skinned globe Onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained and of mild flavor. Pkt., 10c; oz., 24c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid. Not prepaid, 5 lbs., \$8.75.

**WELSH WINTER** (Perennial).

Plant this variety to get the earliest green onions. Seed may be sown either in Spring or Fall. This variety does not make large bulbs but is used only for green onions. The plants are perennial, live in the ground for years, and are absolutely hardy. This is a money-maker for the market gardener. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.

**NEW QUEEN.** This is a small, rapid growing, mild and sweet small white onion used extensively for pickling and the table. Pkt., 10c; oz., 24c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.



Early Grano



Red Wethersfield

**MONTANA WHITE PORTUGAL or SILVERSKIN.** The All Around Onion.

The most widely used and best keeping white Onion. Medium sized, flat, hard and fine grained Onion of mild flavor and clear white skin. It is popular for sets, picklers, green bunching and for fall and early winter use. We plant this seed for our white Onion Sets. Our seed has been grown for us by the same Montana grower for many years and is of exceptionally high germination and purity. Pkt., 5c;

oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.85, postpaid. Not prepaid, 5 lbs., \$8.00.

**EARLY GRANO.** The earliest

Sweet Spanish type Onion. A slightly top shaped globe Onion, not quite as large, but at least two weeks earlier than Riverside Sweet Spanish. With straw colored skin and white flesh, it is mild, very sweet and a fair keeper. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb.; 90c;  $\frac{1}{2}$  lb., \$1.60; 1 lb., \$3.00, postpaid. Not prepaid, 5 lbs., \$13.75.

**SWEET SPANISH or VALENCIA-UTAH STRAIN.** Earlier, milder and a much better keeper, this

is a decided improvement over the **Riverside Strain**. One of the largest and finest of Onions, nearly globular, with golden yellow skin and white flesh, it is especially prized for its mildness and delicacy of flavor. Pkt., 10c; oz., 24c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid. Not prepaid, 5 lbs., \$8.75.

**SOUTHPORT RED GLOBE.**

The finest type and most popular of the red Onions. Our thin neck strain ripens down to a glossy, purplish red ball. The white flesh is tinged with pink. It is productive, a sure ripener and a good keeper. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid. Not prepaid, 5 lbs., \$7.50.



Sweet Spanish

# WILL'S ONION SEED

**WILL'S DAKOTA GLOBE.** The Money Making Onion. We believe this to be the best strain of Southport Yellow Globe, the most popular and most largely grown yellow Onion. It is early, productive, uniform in its rich yellow color, small necked and an exceptionally fine keeper. The creamy white flesh is fine grained, crisp, fairly mild and of excellent flavor. One of the best sorts for the Northwest. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid. Not prepaid, 5 lbs., \$7.50.



Will's Dakota Globe

**SWEET BERMUDA.** A medium sized Onion, flat, very early and in no sense a keeper. The skin is a light straw color and the white, crisp flesh is very mild and sweet. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.35; 1 lb., \$2.50, postpaid. Not prepaid, 5 lbs., \$11.25.

**MOUNTAIN DANVERS.** A very early strain of Yellow Globe, not quite as large and a bit more flat than Yellow Globe Danvers, but two weeks earlier and a remarkable keeper. The white flesh is fine grained, sweet and mild. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$1.85, postpaid. Not prepaid, 5 pounds, \$8.00.



Prizetaker

**PRIZETAKER.** One of the largest Onions, globe-shaped, and very mild. The thin skin is a bright straw yellow and the flesh pure white and tender. Our strain is the earliest of this variety, productive, and keeps well into the winter. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.85, postpaid. Not prepaid, 5 lbs., \$8.00.

**YELLOW GLOBE DANVERS.** This is a standard variety for winter use in all markets. Its skin is a rich

orange-yellow; the flesh is pure white, crisp and mild in flavor. It is a dependably heavy yielder and because of its small neck cures well and makes splendid storage stock. Pkt., 5c; oz. 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid. Not prepaid, 5 lbs., \$7.50.

**AUSTRALIAN BROWN.** Very early and a wonderful Keeper. A heavy yielder and a sure cropper, the Onions are of medium size, slightly flattened, with reddish brown skin and crisp, white flesh. The flavor is rather strong. This is a desirable home garden variety. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 90c; 1 lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$6.75.

The altitude here is 9664 ft. I get good results from your seeds.

A. W. BROWNELL, Granite, Colo.



Yellow Globe Danvers

Erbsen  
(Ger.)

# Will's Choicest Garden Peas

Erfer  
(Scan.)

## EARLY VARIETIES—NOT DWARF

**Culture:** Sow early in spring in rows not less than 20 in. apart, covering  $1\frac{1}{2}$  to 2 inches deep. The smooth seeded sort, of which we list First of All and Alaska, will stand earlier seeding than the wrinkled seeded varieties. One pound will sow 100 feet of row. Inoculate all legumes with Nitragin—see Page 77.

**ALASKA.** This standard hardy and early variety is much used for canning and home gardening. The vines grow 30 inches tall. The light green pods are  $2\frac{1}{2}$  inches long, square ended and contain from 5 to 8 Peas to the pod.  $\frac{1}{4}$  lb., 10c;  $\frac{1}{2}$  lb., 17c; 1 lb., 29c, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., \$1.40; 20 lbs., \$2.60; 100 lbs., \$12.00.

**FIRST OF ALL or EARLY JUNE.** This is the largest podded of the extra early varieties and a most profitable market sort. The semi-smooth seed may be sown 2 weeks earlier than the wrinkled seeded sorts. The vines grow from 30 to 36 inches high. The deep green pods are square ended and 4 inches long, containing 7 Peas to the pod. This is a very heavy and even cropper.  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$2.00; 20 lbs., \$3.80; 100 lbs., \$18.00.

First of All

## Early Dwarf or Bush Peas

### AMERICAN WONDER or NOTT'S EXCEL.

**SIOR.** The earliest of the dwarf wrinkled varieties. The vines are about a foot high and very prolific. The pods are light green, blunt, about 3 inches long and contain 6 to 7 medium sized Peas. A very popular and profitable home garden sort.  $\frac{1}{4}$  lb., 10c;  $\frac{1}{2}$  lb., 17c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.50; 20 lbs., \$2.80; 100 lbs., \$13.00.

**LITTLE MARVEL.** One of the earliest of the wrinkled seeded sorts and one of the best and most satisfactory for the home garden because of its exceptional quality and yield. Remains in prime picking condition a week longer than most sorts. The vines are 18 inches high. The dark green, blunt ended 3 inch pods contain from 7 to 8 dark green peas, very tender and sweet.  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.00.

**HUNDREDFOLD or BLUE BANTAM.** One of the best of the Laxtonian type. The vines are from 18 to 20 inches tall, sturdy and very productive. The dark green pods are 4 inches long and contain 8 large, dark green Peas of very good quality.  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.50.

I raised the best crop of peas last year from your Bliss Everbearing seed I have ever had. Had  $1\frac{1}{2}$  lbs. seed. We ate all we wanted. I canned 10 pts., sold 4 gallons and gave several messes to my neighbors.

IDA E. DOYLE, Route No. 2, Oroville, Washington.

**WORLD'S RECORD or IMPROVED GRADUS.** This is one of the earliest of the wrinkled seeded, large-podded varieties. The vines are from 2 to  $2\frac{1}{2}$  feet tall, produce abundantly and bear throughout the season. The pods are 4 inches long, containing from 7 to 9 large deep green Peas. It is the market gardener's favorite.  $\frac{1}{4}$  lb., 11c;  $\frac{1}{2}$  lb., 19c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 88c; 10 lbs., \$1.65; 20 lbs., \$3.10; 100 lbs., \$14.50.



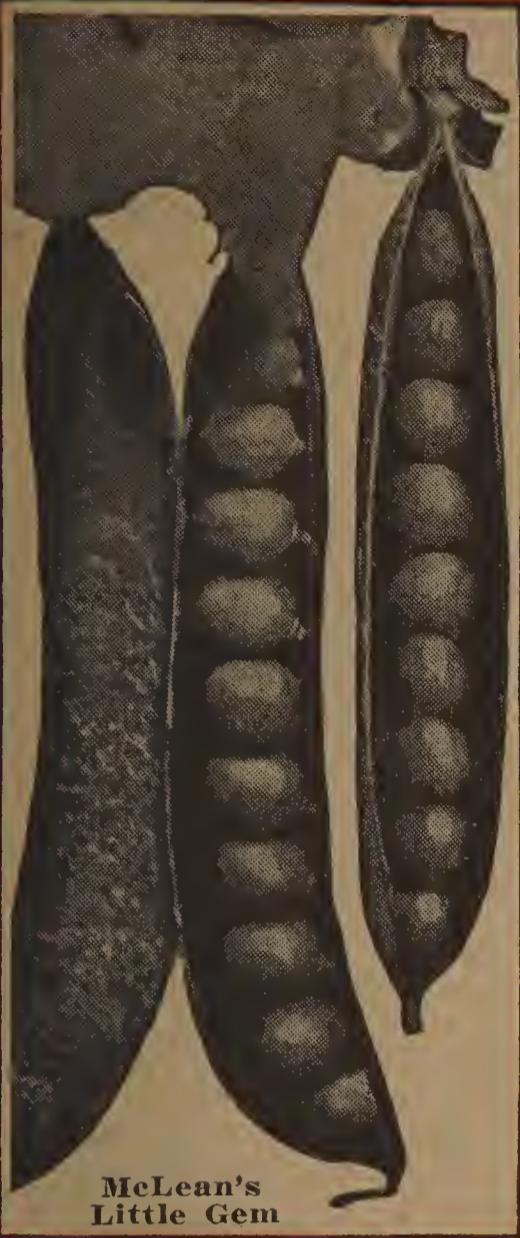
Little Marvel

**DWARF PEAS—Continued****LAXTON'S PROGRESS**

The largest podded and most attractive of the early dwarf varieties. The vines are 16 to 18 inches high; the handsome dark green pods are 4 to 4½ inches long, with 7 to 9 extra large peas of superior quality to the pod. This productive sort should be in every home and market garden. ¼ lb., 12c; ½ lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.00.

**MCLEAN'S LITTLE GEM  
or PREMIUM GEM**

An early dwarf Pea of delicious flavor, excellent for family use. The vines are about 18 inches in height and produce an abundance of medium green, plump, blunt ended pods 2¾ inches long, with 6 to 7 Peas to the pod. This is an old tried and proven favorite. ¼ lb., 10c; ½ lb., 17c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.50; 20 lbs., \$2.80; 100 lbs., \$13.00.



McLean's Little Gem



Laxton's Progress

**MAIN CROP VARIETIES**

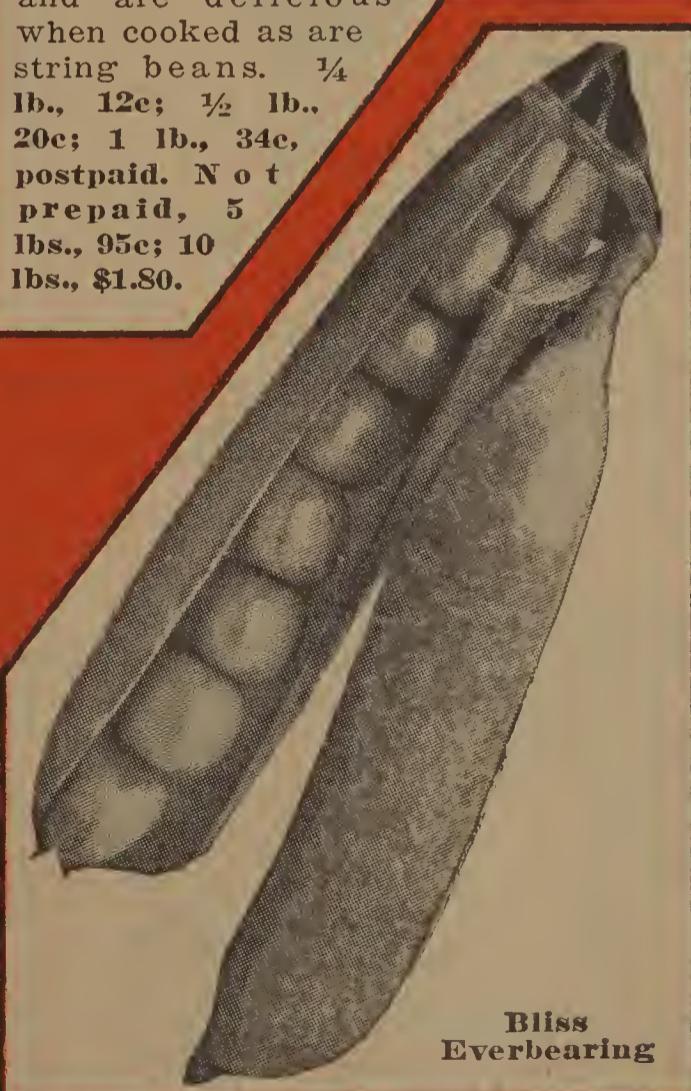
**BLISS EVERBEARING.** Prolific and bearing over a very long period. It grows to a height of 2½ feet. The medium green pods are plump and blunt ended and contain from 6 to 8 large sweet Peas. A justly popular home garden variety. ¼ lb., 12c; ½ lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.00.

**ALDERMAN.** The best tall variety and the pick of the Telephone type. The vines are about 4 feet tall; the pods are from 4½ to 5½ inches long, carrying 8 to 10 very large Peas to the pod. This is the standard of high quality and an abundant yielder. ¼ lb., 12c; ½ lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.50.

**LINCOLN.** Known in Canada as Homesteader. A very productive Pea of fine quality recommended for mid-season by the North Dakota Experiment Station. The vines grow 2 feet tall. The pods run from 3¼ to 3¾ inches long, containing from 6 to 8 medium green Peas of fine quality. One of the best yielders. ¼ lb., 13c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 20 lbs., \$4.20; 100 lbs., \$20.00.

**DWARF GRAY SUGAR**

Height 2 feet. The pods are 3 inches long, curved and blunt, plump and fleshy. This sort is moderately early and very prolific. The pods are picked when the Peas are forming and are delicious when cooked as are string beans. ¼ lb., 12c; ½ lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80.

**INCREASE YOUR YIELD OF PEAS BY  
USING AN INOCULANT**

Garden Size, will treat up to 4 lbs.  
Price postpaid.

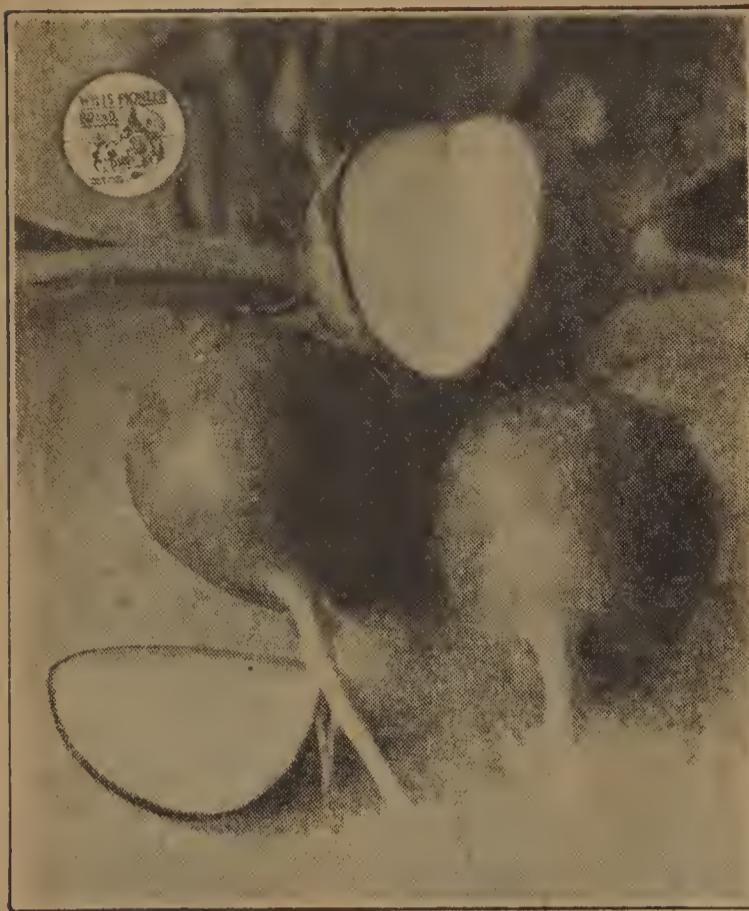
See page 77.

10c

Bliss  
Everbearing

Radies  
(German)

# Will's Northern Grown RADISH SEED



Will's Early Carmine

**Culture.** For early use the seed may be sown in hotbed. For open ground culture, sow in the Spring as soon as the ground can be worked, in drills 10 to 12 inches apart. Sow every two weeks for a succession. About 600 seeds to the packet.

**WILL'S EARLY CARMINE.** Our old reliable extra early sort which has so long been the favorite throughout the Northwest. A bright carmine in color, almost round in shape, very early, mild and lasts well for an early sort; crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 48c; lb., 80c, postpaid.

**SAXA—The Earliest Radish.** The round, bright scarlet roots are ready for the table 20 days after sowing. The tops are small and the quality high. We have a fine stock of this variety. Pkt., 5c; oz., 11c;  $\frac{1}{4}$  lb., 33c;  $\frac{1}{2}$  lb., 50c; lb., 85c, postpaid.

We have always used your seeds and think they are the best we can get.

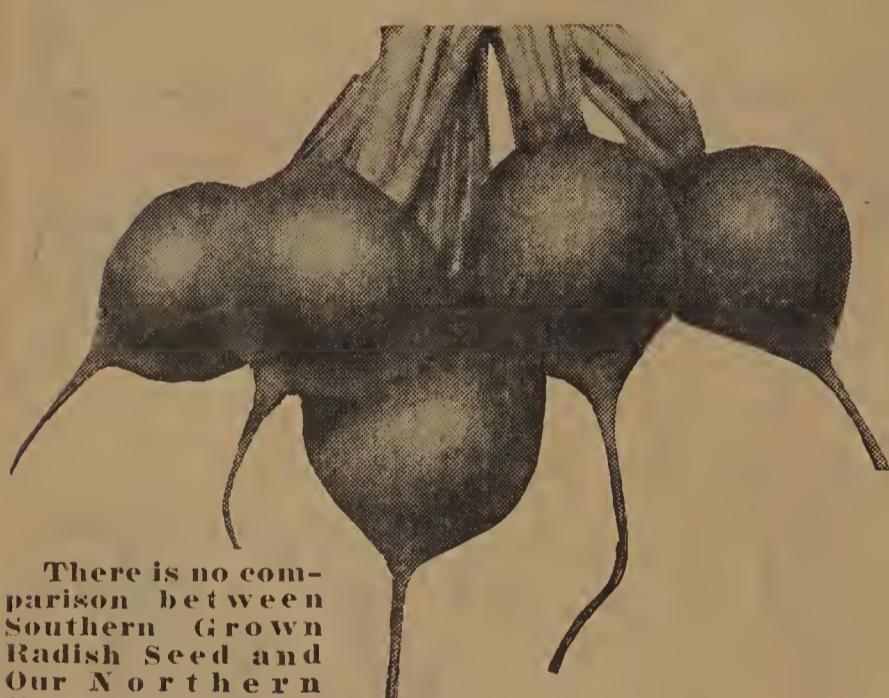
SIG. HOMELVIG,  
Amidon, N. Dak.



Saxa

**GERMAN GIANT BUTTER—The Best Round Scarlet Radish.** Largest of the early Radishes, it will reach a weight of  $3\frac{1}{2}$  ounces without becoming pithy. It retains its crispness and mild flavor longer than any other sort in our trials. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.10; lb., \$2.00, postpaid.

**CRIMSON GIANT GLOBE.** An extremely large, globe shaped, deep crimson Radish of superior quality, and standing very long before becoming pithy. The white flesh is solid, crisp and mild. One of the best sorts for outdoor culture. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 75c, postpaid.



There is no comparison between Southern Grown Radish Seed and Our Northern Grown Stocks.

Crimson Giant Globe



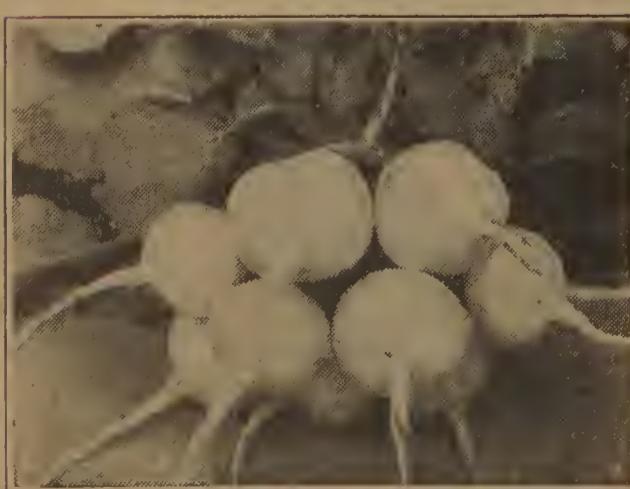
German Giant Butter

**WHITE STRASBURG.** One of the best large, white late Summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder and abruptly tapering. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 85c, postpaid.

**LONG SCARLET SHORT TOP.** Sometimes called Cincinnati Market. The roots of this old reliable variety are smooth, slender, and uniform, about six inches long, a bright carmine-red in color, and of excellent quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 48c; lb., 80c, postpaid.

**MODEL BOX.** This popular turnip shaped Radish is the earliest white sort and ready for table in 25 days from sowing. Pure white, tender, crisp and mild. Pkt., 5c; oz., 11c;  $\frac{1}{4}$  lb., 33c;  $\frac{1}{2}$  lb., 55c; lb., 90c, postpaid.

**FIREBALL—NON PLUS ULTRA.** An early round Radish of bright scarlet color and pure white flesh; crisp, tender and of finest flavor. It has few and short leaves, permitting close planting. Very desirable for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 48c; lb., 80c.



Model Box

# RADISH SEED

## SPARKLER

**Improved Scarlet Turnip White Tipped.** This extra early strain is perhaps the most attractive Radish we have. The color is a rich carmine-scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 75c, postpaid.



Sparkler

## EARLY SCARLET GLOBE

The market gardener's variety. One of the earliest forcing Radishes and does equally well outside. The bright scarlet roots are fair sized, globe-shaped and with very small top. We have as good a stock of this superb variety as is grown. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 80c, postpaid.

## FRENCH BREAKFAST

An oblong, very crisp and quick growing Radish, in color a bright rose-scarlet with white tip. It is very early, of fine quality, a great favorite on the market and unequalled for the home garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 75c, postpaid.



French Breakfast

## CHINA ROSE WINTER

One of the very best Winter Radishes. The roots are cylindrical and blunt at both ends. The skin is bright, deep rose color and the flesh white and very crisp. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 90c, postpaid.



White Icicle

## BLACK SPANISH WINTER

One of the latest as well as the hardiest of Radishes. The skin is black and flesh white, solid, crisp and pungent. Keep well all Winter. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 90c, postpaid.



Black Spanish Winter

## WHITE ICICLE

Sometimes called Ladyfinger. The best early pure white Radish and the most crisp and tender of all Radishes. The handsome white roots are 6 inches long, tender, brittle, juicy and agreeably snappy, preserving these qualities longer than the red sorts. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 75c, postpaid.

**A GOOD GARDEN ALWAYS PAYS**

King of  
Denmark

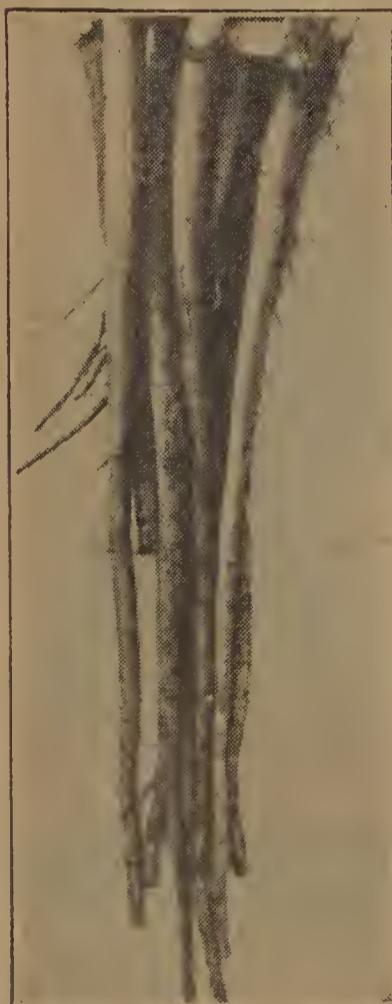


very heavy yielding variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., 50c, postpaid.

**NEW ZEALAND.** Not a true Spinach, this variety thrives in hot, dry weather. As the leaves are picked off, new shoots appear and yield a continuous supply of greens throughout the summer. 125 seeds to the packet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c, postpaid.

**KING OF DENMARK.** This variety is very slow to run to seed. The plants are early, vigorous and productive, and bushy in habit. The rounded leaves are crumpled, blistered, and a deep green in color. Probably the best sort for Northwestern conditions. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 18c;  $\frac{1}{2}$  lb., 29c; 1 lb., 45c, postpaid.

**PRINCESS JULIANA.** A long standing spinach, very slow to bolt to seed and a most attractive sort. The leaves are large and rounded, thick, very much blistered and crumpled, and of an intense, very dark green color. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 18c;  $\frac{1}{2}$  lb., 29c; 1 lb., 45c, postpaid.



Salsify

**ITALIAN MARROW—COCOZELLE.** The most delicate and finest flavored Summer squash. Of compact bush growth, the vines yield heavily of fruit averaging 14 inches long and 5 inches in diameter, dark green in color with the yellow and green stripings. Used when 10 inches long and perfectly green. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 65c; 1 lb., \$1.20, postpaid.

## PEANUTS

**SPANISH.** Earliest Variety Grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt., 10c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 24c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.10.

## SPINACH

Spinat { German  
Scan.

**CULTURE:** Sow in early spring, in rows not less than 12 inches apart, covering not more than one inch deep. Sow 2 weeks apart for succession. One ounce for 100 feet of row. With exception of New Zealand Spinach, about 600 seeds to the packet.

**BLOOMSDALE or SAVOY LEAVED.** The standard extra early Spinach for home and market garden. The leaves are large, glossy deep green, blistered and crumpled. A heavy yielder. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 18c;  $\frac{1}{2}$  lb., 29c; 1 lb., 45c, postpaid.

**NOBEL—GIANT THICK LEAVED.** A very rapid grower and the largest Spinach. The broad, deep green leaves are very thick and rather smooth, easily cleaned for cooking. A long standing and



New Zealand Spinach

## SALSIFY or OYSTER PLANT

Haferwurzel  
(German)

Havrerod  
(Scandinavian)

**CULTURE:** Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to 100 feet of drill. About 180 seeds to the packet.

**MAMMOTH SANDWICH ISLAND.** This is the best type of Salsify or Vegetable Oyster. The roots are very large, smooth and of fine quality and delicious flavor. Pkt., 8c; oz., 18c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid.

## SQUASH

**EARLY MANDAN SQUASH.** The Very Earliest Squash. This wonderful little Squash, obtained by us from the Mandan Indians, will ripen anywhere, notably in the Montana mountains, where squashes had never been grown before. It is hardy, drought resistant, and of fair quality. Pkt., 10c; oz., 25c, postpaid.

**GIANT SUMMER CROOKNECK.** A variety early as common Crookneck and much larger, frequently two feet long. It is heavily warted, of bright golden color, brittle and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.

**MAMMOTH WHITE BUSH.** Cymling or Patty Pan. A very early Summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.



Table Queen

**TABLE QUEEN—DES MOINES or ACORN.** The Individual Squash. A small, very productive, acorn-shaped variety, averaging  $1\frac{1}{2}$  pounds. The thin shell is ribbed and very dark green in color. The orange yellow flesh is thick and of excellent quality. A good keeper. Squash of this variety may also be used as summer squash if picked when half grown. Pkt., 5c; oz., 14c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.10, postpaid.

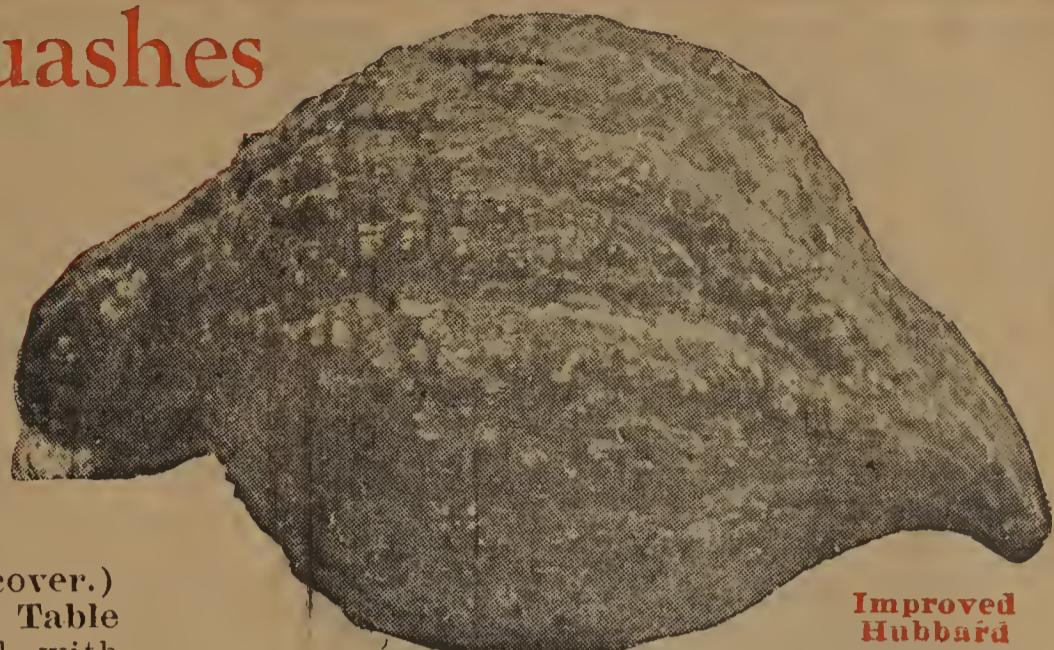
# Will's Winter Squashes

## Early and Hardy Varieties

Kurbiss (German)

Squash-graeskar (Scandinavian)

**Culture:** One ounce to 30 hills, Summer, and one ounce to 15 hills, Winter varieties. Plant at same time as cucumbers and melons, in hills 3 to 4 feet apart for Summer sorts and 7 to 8 feet apart for the Winter varieties. About 45 seeds to the packet of Winter Squash and 70 to the packet of Summer Squash.



Improved Hubbard

**DAKOTA.** (Pictured on inside front cover.) Professor A. F. Yeager's cross between Table Queen and Mandan Squash. Top shaped, with dark green skin and pale orange flesh, Dakota is much earlier and more prolific than Table Queen and should be used in the same way. Pkt., 15c.

**WINNEBAGO.** One of the very best of squashes. The squash is long, greenish black in color, and a good keeper. The bright orange flesh is thick, very dry and sweet and less stringy than almost any other squash. Under normal conditions many Winnebago Squash will weigh over 30 lbs. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 75c; 1 lb., \$1.35, postpaid.

**RED or GOLDEN HUBBARD.** Similar to Improved Hubbard except for its orange-red color, but slightly smaller and decidedly earlier. The flesh is deep orange, dry and of splendid quality. A superior table variety and an excellent keeper, this is a fine variety for the home garden. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 65c; 1 lb., \$1.10, postpaid.

**BANQUET.** A golden squash, the result of our cross between Buttercup and Gilmore, earlier and more prolific than Buttercup with Buttercup shape, thick dry orange flesh and fine quality. We raised many tons of Banquet Squash in 1938. We're proud of this one. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid.

**IMPROVED HUBBARD.** The Standard Winter Squash. More extensively grown than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze-green; flesh a deep orange yellow, fine grained, dry and sweet. Its quality is the standard of excellence. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 58c; 1 lb., \$1.00, postpaid.



Banquet Squash



Buttercup Squash



**BUTTERCUP.** Originated in North Dakota by Professor A. F. Yeager. The squashes weigh between 3 and 5 pounds with thin, tough green skin. There is no fibrous section and the **thick, rich orange flesh** has no tinge of green. It is a good keeper with very little waste in cooking. The flavor is sweet and fine; the texture smooth and dry. This is just about the best squash we have ever tasted. Pkt., 8c; oz., 18c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 90c; 1 lb., \$1.60, postpaid.

**ARIKARA.** If you want the **earliest large Winter Squash**, the squash that will set fruit and outyield all others under drought conditions, plant the Arikara. The shell is salmon, varied with blue green; flesh orange tinged with green near the shell, of firm texture and fair quality. It is a wonderful keeper. Pkt., 8c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.

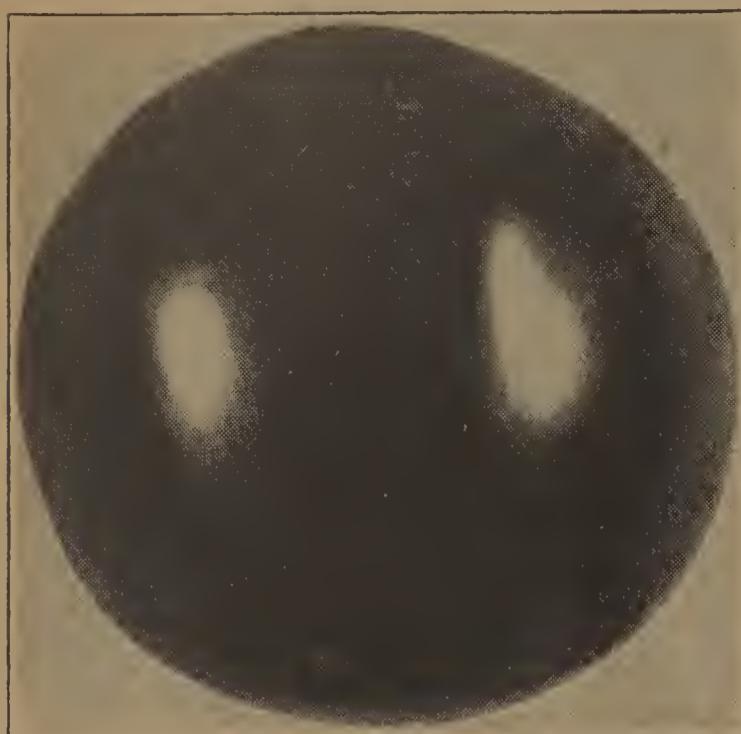
"The Buttercup Squash is just about the best squash we have ever tasted," quote from catalogue. Corrected this statement should read—This is the best squash (in the world, I'll bet).

MRS. LOUIS SCHLONDL, Sundance, Wyoming.



Arikara

**Culture.** Sow in hotbed or shallow boxes in the house in early Spring, allowing 8 to 10 weeks from sowing indoors to setting in open ground; when plants are large enough, transplant into hotbed or boxes and when all danger from frost is past transplant into open ground, about four feet apart each way. About 600 seeds to the packet.



Earliana

**ROSANA.** (Pictured on Page 1.) A cross between Ponderosa and Earliana developed by the Bureau of Dry Land Investigation, U. S. Dept. of Agriculture, Northern Great Plains Experiment Station, Mandan, N. Dak. An early, good sized, scarlet, meaty Tomato of fine quality particularly adapted to Great Plains conditions. Pkt., 20c;  $\frac{1}{2}$  oz., 50c; oz., 85c;  $\frac{1}{4}$  lb., \$2.80, postpaid.

**MARGLOBE.** An all-purpose, midseason Tomato developed by the U. S. Department of Agriculture. The fruits are medium large, nearly globular, smooth and solid. This variety is resistant to wilt. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00, postpaid.

**BONNY BEST.** A splendid second early sort, the bright deep scarlet fruits ripen evenly and are of superior solidity and interior color. A good yielder and most attractive in shape and color. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 90c, postpaid.



Millet's Dakota

**MILLET'S DAKOTA.** The hardest, most drouth resistant early Tomato. Originated by the late John W. Millet of Bismarck, and introduced by us in 1913, it is as early as the earliest strain of Earliana. The fruit is medium sized, smooth, and rich deep scarlet, of high quality. Under unfavorable conditions we believe it will outyield other varieties and we have been surprised at its amazing performances under irrigation. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 45c;  $\frac{1}{4}$  lb., \$1.45, postpaid.

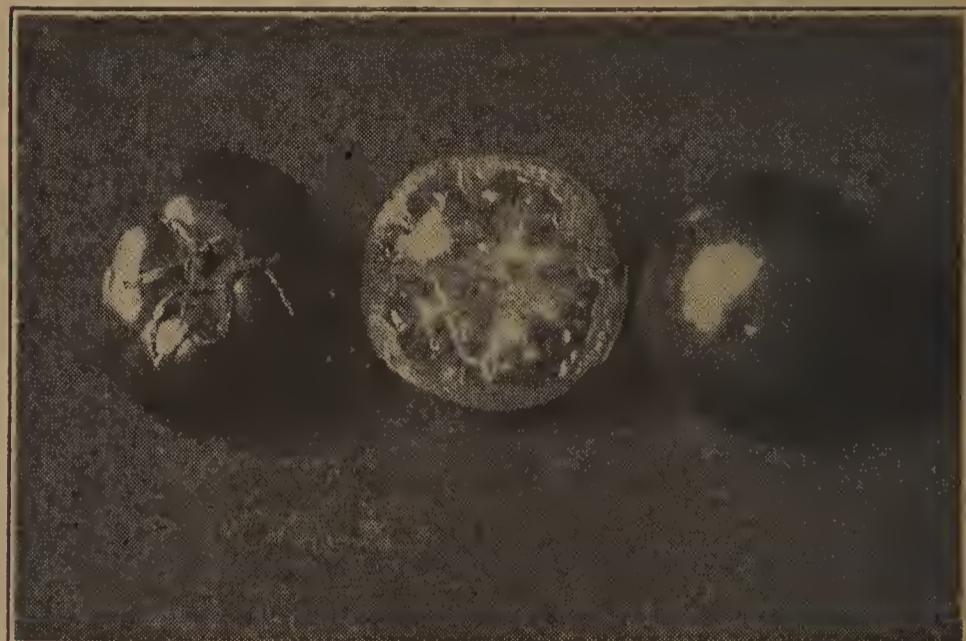
I must tell you how wonderful Bison Tomato was last year—out of 65 plants I had 46 bushels of tomatoes, besides the numerous pans full and "hand outs" given to neighbors.

MRS. E. F. KEARNEY, Oregon, Missouri.

### MANDAN EARLIANA.

quality and yield by the Bureau of Dry Land Investigation, U. S. Dept. of Agriculture, Northern Great Plains Experiment Station, Mandan, N. Dak. In our 1938 trials this variety held its fruit size and yield during the dry August better than any other sort. Early, bright scarlet in color and very meaty, we recommend this variety for the Great Plains. (Pictured in color on the inside front cover.) Pkt., 20c;  $\frac{1}{2}$  oz., 50c; oz., 85c;  $\frac{1}{4}$  lb., \$2.80, postpaid.

**EARLIANA (Standard Strain).** One of the earliest varieties and very productive. The fruit is fair sized, round, very smooth and solid, and produced in clusters in the center of the plant. The color is bright scarlet. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.20, postpaid.



Rosana

**JOHN BAER.** Slightly earlier than Bonny Best, a heavy yielder of smooth, firm, medium sized, flattened globe shaped, scarlet fruits. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 90c, postpaid.



Strawberry or Ground Cherry

**GROUND CHERRY, HUSK or STRAWBERRY TOMATO.** Not a true Tomato, the round yellow fruits are half an inch in diameter, enclosed in thin paperlike husks. A heavy yielder, very sweet, and used mostly for pies and preserves. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c, postpaid.

**WONDERBERRY—GARDEN HUCKLEBERRY.** Not a true Huckleberry, but belonging to the same family as do Tomatoes, Eggplant, and Pepper, this is very productive of round, nearly black fruits, but little smaller than a Concord Grape. These fruits when fully ripe make excellent pies, preserves, and jam. Pkt., 10c; oz., 50c.

# HARDY TOMATOES

**Tomat**  
(Scandinavian)

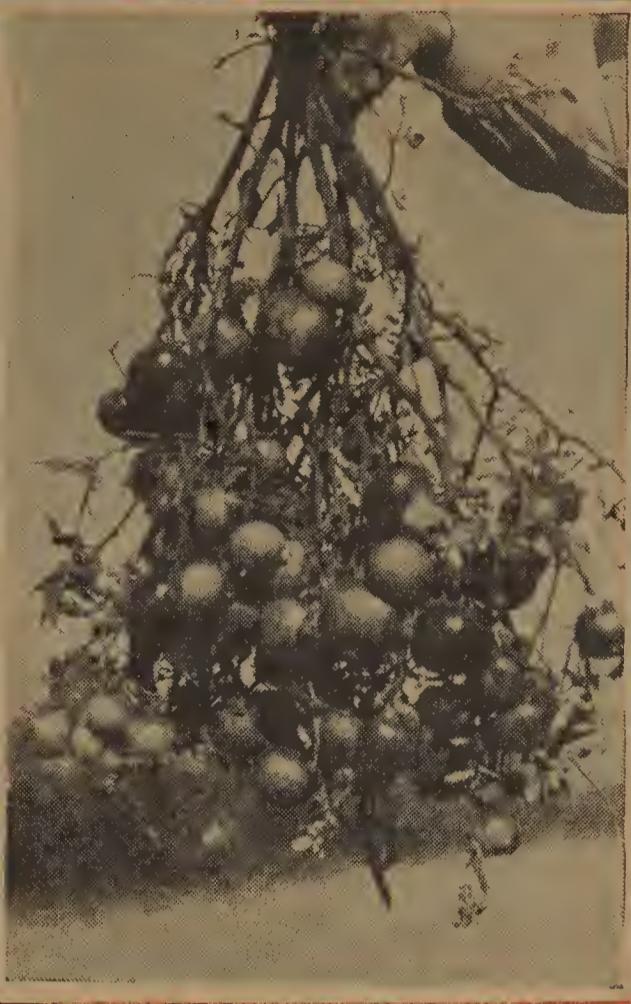
All Varieties Listed on This Page Were Developed  
by Professor A. F. Yeager  
At the North Dakota Agricultural Experiment Station

## BISON

### The Tomato for Northern Gardens

We were the first concern to grow and list the **best early Tomato yet developed by Professor A. F. Yeager**. It is self-pruning or determinate in growth. In place of wasting its vitality in continuous branching, as do practically all other Tomatoes, **Bison grows a compact plant and puts all its energies into producing and ripening a heavy and extra early crop** of smooth, solid, meaty, medium sized red Tomatoes of finest quality. Many yields up to 40 pounds for one plant have been reported. We believe this is the best thing that Professor Yeager has developed to date and that is saying a lot. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.75; 1 lb., \$6.50, postpaid.

**ALLRED—All Over Ripening.** The individual Tomato ripens evenly, turning gradually from allgreen, through the various intermediate shades to Allred. The vines are of the determinate Bison type, with meaty, scarlet fruit as early as and larger than Bison. (See Page 11 for Illustration.) Pkt., 15c;  $\frac{1}{2}$  oz., 40c; oz., 75c;  $\frac{1}{4}$  lb., \$2.50; 1 lb., \$8.00, postpaid.



Bison Tomato  
(Typical Unpruned Plant)

**FARTHEST NORTH.** The Earliest Tomato. Bred for sowing directly outside without starting indoors, the vines are of the Bison type. The red fruit is small, from an inch to an inch and a half in diameter, but thin skinned, meaty and well flavored. The yield is heavy. If you have not been able to raise Tomatoes before, try this one. Pkt., 15c;  $\frac{1}{2}$  oz., 40c; oz., 75c.

**EARLY JUMBO.** The earliest large Tomato, this purplish pink sort is a heavy yielder, very meaty and of high quality. Pkt., 15c;  $\frac{1}{2}$  oz., 40c; oz., 70c.

Tomato Plants  
Listed on Page 56



Red River Tomatoes

**RED RIVER.** One of the earliest and the most solid, meaty early sort we have ever seen. Red River is a heavy producer of bright scarlet, medium sized, slightly flattened smooth fruits of solid meat and splendid flavor. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.75, postpaid.

**REDSKIN** (Pictured on Page 1.) May be sown in open ground, but a few days later than Farthest North with much larger Tomatoes, from 2 to 2½ inches in diameter. The plants are of the compact Bison habit and yield heavily. Pkt., 25c.

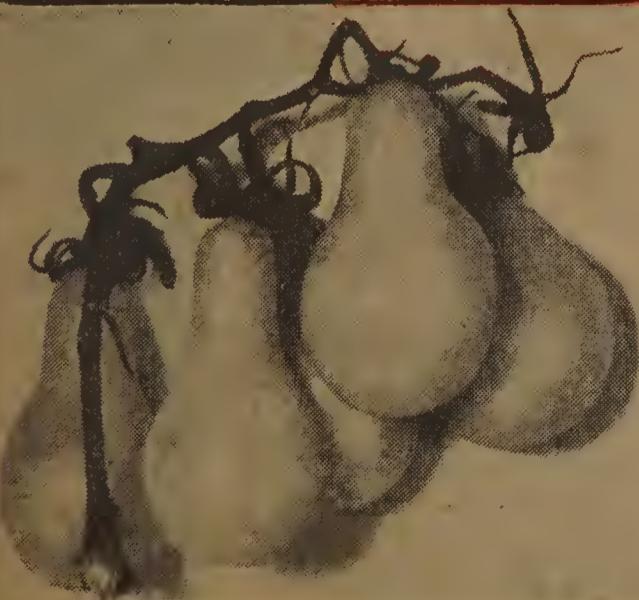
**GOLDEN BISON.** Professor Yeager has combined the earliness and compact habit of growth of Bison with a medium sized, smooth, mild Golden Tomato of finest quality. Attractive in salads especially when sliced together with Red Tomatoes and fine for making Tomato juice. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c.

**FARGO YELLOW PEAR.** In this sort, Professor A. F. Yeager has combined the earliness and self-pruning habit of his Bison Tomato with typical Yellow Pear fruit. Its extreme earliness and heavy yields are worth while. Pkt., 15c;  $\frac{1}{2}$  oz., 35c; oz., 60c.

We find your seeds the best ever for our climate. Bison the best tomato have ever raised. Had all we could use, canned 110 qts. and sold several bushels last year. Cannot plant our garden without your seed after using them over 26 years.

MRS. ROY JONES, Box 366, Hinsdale, Mont.

For Other Small Fruited Tomatoes See Next Page (44).



Fargo Yellow Pear

Kohlrübe  
(German)



Will's Improved Rutabaga

side roots, round and uniform, of fine quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.25.

**WHITE SWEET PERFECTION.** This white Rutabaga is a heavier yielder than most of the yellow sorts. Especially desirable for table use, it is small necked, fine grained and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.00.

Weiss-Rübe  
(German)

**CULTURE:** Sow seed early in spring for summer crop and about July first for fall crop. Culture and quantities same as Rutabaga, but do not require as much thinning. About 2,200 seeds to the packet.

## Turnips

Turnips  
(Scandinavian)

**PURPLE TOP STRAPLEAF.** Widely cultivated, a quick grower, and very productive. The roots are flat, medium sized, purple above ground and white below. The flesh is white and of fine quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; 1 lb., 65c, postpaid.

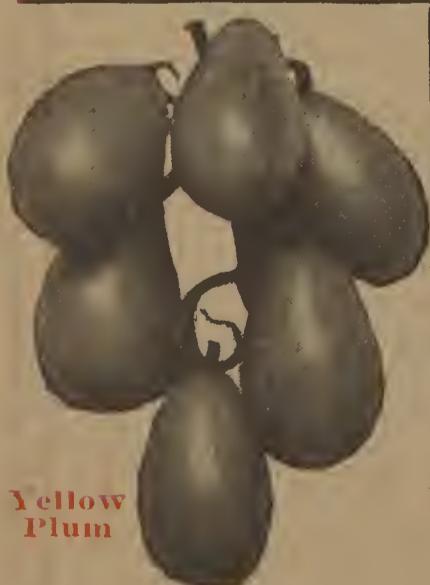
**EARLY WHITE MILAN.** The earliest Turnip, can be used for spring or summer planting. The creamy white roots are medium sized, flat and uniform. The white flesh is fine-grained, tender and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 27c;  $\frac{1}{2}$  lb., 43c; 1 lb., 75c, postpaid.

**PURPLE TOP WHITE GLOBE.** The most popular variety for general use. A good sized, globe-shaped sort of a fine appearance, a good producer and keeper. The flesh is firm, fine-grained, tender and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c, postpaid.

**EARLY WHITE FLAT DUTCH.** A very early flat turnip of medium size and clear white skin. The flesh is very white, fine-grained and sweet. One of the most popular sorts for home or market. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c, postpaid.

**WHITE EGG.** A medium sized, very early, snow-white variety, with firm, fine-grained flesh. Does not crack as readily as the flat varieties. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c, postpaid.

**GOLDEN BALL.** The Best Yellow Globe Turnip. The orange yellow roots average 4 inches in diameter, with fine grained yellow flesh of excellent quality. A good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c, postpaid.



## Small Fruited Tomatoes

Purple  
Top  
White  
Globe

**PINK PEACH.** This excellent sort resembles a peach in size and shape. The surface of the fruit is covered with a down much like its namesake. It makes delicious preserves and pickles and is fine for salads. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c, postpaid.

**YELLOW PLUM.** A beautiful sort, much resembling a plum in size and shape; widely used for preserving. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c, postpaid.

**RED CHERRY.** The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c, postpaid.

**CULTURE:** Sow latter half of June or first of July. Plant about  $\frac{1}{2}$  in deep. Rows should not be less than 20 inches apart. Thin to 8 to 10 inches apart in the row. One ounce will sow 250 ft. of drill; 1  $\frac{1}{2}$  lbs. an acre of drill, and 2  $\frac{1}{2}$  lbs. an acre broadcast. About 1,900 seeds to the packet.

**PAJBJERG BANGHOLM.** The roots are purple-topped and yellow with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the sweetest Rutabaga, a heavy yielder and a splendid keeper. Our Danish grown seed gives uniformly satisfactory results and is much used in commercial plantings. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.25.

**WILL'S IMPROVED AMERICAN PURPLE TOP YELLOW.** The roots are large, globe shaped, with small necks and tap roots, bright yellow with purple tops. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy, productive and a good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.00.

**EARLY NECKLESS.** A purple top yellow Rutabaga, three weeks earlier than American Purple Top, entirely neckless, free from

side roots, round and uniform, of fine quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.25.

**WHITE SWEET PERFECTION.** This white Rutabaga is a heavier yielder than most of the yellow sorts. Especially desirable for table use, it is small necked, fine grained and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.00.



Yellow  
Plum

# SEED CORN FOR THE NORTHWEST

We have been growing and breeding seed corn in North Dakota for over fifty years. We have introduced most of the really satisfactory corn varieties for the Northern Great Plains. We try to be honest with our customers in the stock we sell them and the stories we tell them. We are much more concerned with the quality of our seed corn than with the price, and with the origin and breeding of it than with the ballyhoo about it.

## ABOUT HYBRIDS—YIELDS, ETC.

Like every new thing Hybrid Seed Corn is being over emphasized—intentionally, mistakenly, even wilfully placed in a false and entirely incorrect light.

Oscar H. Will & Co. has been working with inbreds for many years and sold hybrid seed corn which proved to have value in the Northern Great Plains ten years ago. Furthermore, they have tested many eastern and southern hybrids in the past two or three years with entirely negative results.

The idea of hybrid vigor is as old as English cattle breeding, where it was discovered that the offspring of two different and pure breeds when crossed would prove larger, sturdier and better in every way than either parent. That knowledge, passed down, added to gradually, and refined, is the basis for all animal and plant hybrid work.

Hybrid corn is not a magic preparation; there are thousands of kinds of hybrid corn, some of no value at all, some adapted to one type of conditions, some to another, but none to any and every condition. In other words, Hybrid Corn must be bred with an adaptation to conditions in the locality where it is to be grown.

Tests made over North and South Dakota the past year have demonstrated that the Minnesota, Iowa, Illinois and Wisconsin hybrids do not have the value in the Dakotas to justify their costs.

**In our own trial plots and in several other trial plots in western and central North Dakota Falconer corn has been the highest yielding of all varieties in 1938. It yielded from 20 to 50% above the supposed adapted hybrids.**

## FALCONER SEED CORN

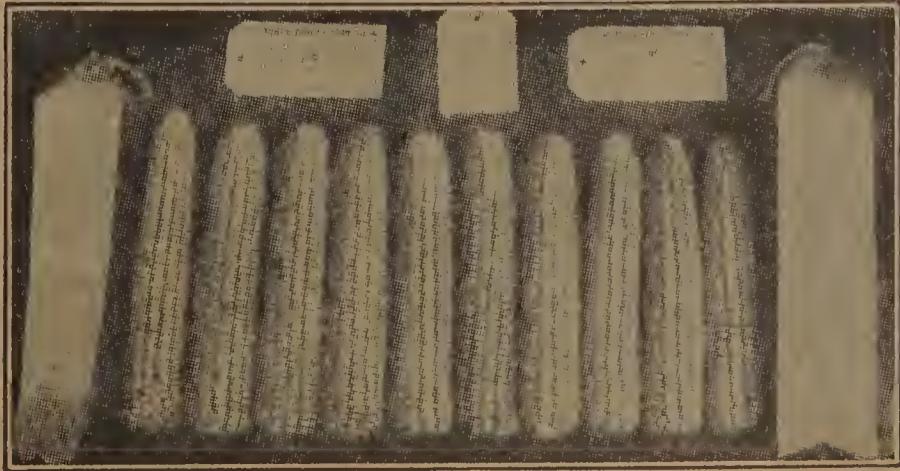
### Oscar H. Will & Co. Strain—Highest Yielding Corn for the Northwest

Falconer corn is grown by the hundreds of thousands of acres now and many thousands of these acres are off type, unselected or poorly selected scrub corn of the poorest type and certain to make inferior yields.

We introduced Falconer Corn. Falconer in careful tests over most of our state has outyielded every variety including the best hybrids during the past year.

The answer seems obvious then. Buy genuine Falconer of true, high yielding strain from Oscar H. Will & Co. and devote most of your own corn acreage to Falconer Corn.

Lb., 30c, postpaid; F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., 80c; bu., \$1.50.



### A CORN HANDBOOK FOR THE NORTHWEST

Corn Varieties, Corn Planting,  
Growing, Harvesting

This book covers the subject of Corn for the Great Plains and the Northwest fully and treats of corn growing in every department. Written clearly and concisely it can be used as a text book in agricultural classes. Price, 50c. Postpaid, 60c. A Copy Free with each \$10.00 Corn Order.

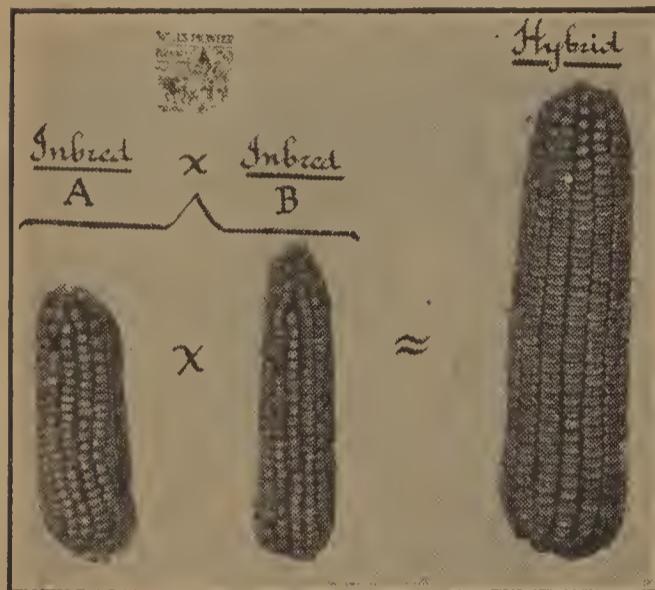
# CORN HYBRIDS AND CROSSES

This is corn produced from tested crosses either of inbreds of a single variety or of selected stocks of two greatly different varieties. Hybrid vigor has long been recognized as a result of crossing in cattle and has of late years been demonstrated to be a result also of crossing breeds of hogs, poultry and corn. Hybrid corn usually is more vigorous, more disease resistant and much more productive than the common or open pollinated varieties. To produce a hybrid of any variety pure inbreds are first isolated by self pollinating for 3

to 5 years. Those giving best results to the number of 2 to 4 strains are grown to use in producing the desired hybrid and to carry on the pure strain from year to year. Hybrid seed corn must be the product of a fresh crossing each year to be of any value.

Sometimes it is found that two regular open pollinated varieties which differ widely in type from each other will also show great hybrid vigor and improvement in production. Such hybrids are called variety crosses.

**Hybrid corn is sold in sealed bags of 1 bu. size or less.**



Hybrid Corn and Inbred Parents

smut, sturdier stalks and heavier yield. Lb., 40c, postpaid. F. O. B. here: 10 lbs., \$1.25; ½ bu., \$3.50; bu., \$6.50.

There are a few hybrids from Minnesota which show some value. There are two or three hybrids from the North Dakota Station which show promise for North Dakota. We, ourselves, have offered a Northwestern Dent Hybrid but lost one inbred and shall discontinue it till another suitable inbred is tested out. We offer also a Hybrid Falconer which seems to have some good Hybrid qualities for North Dakota.

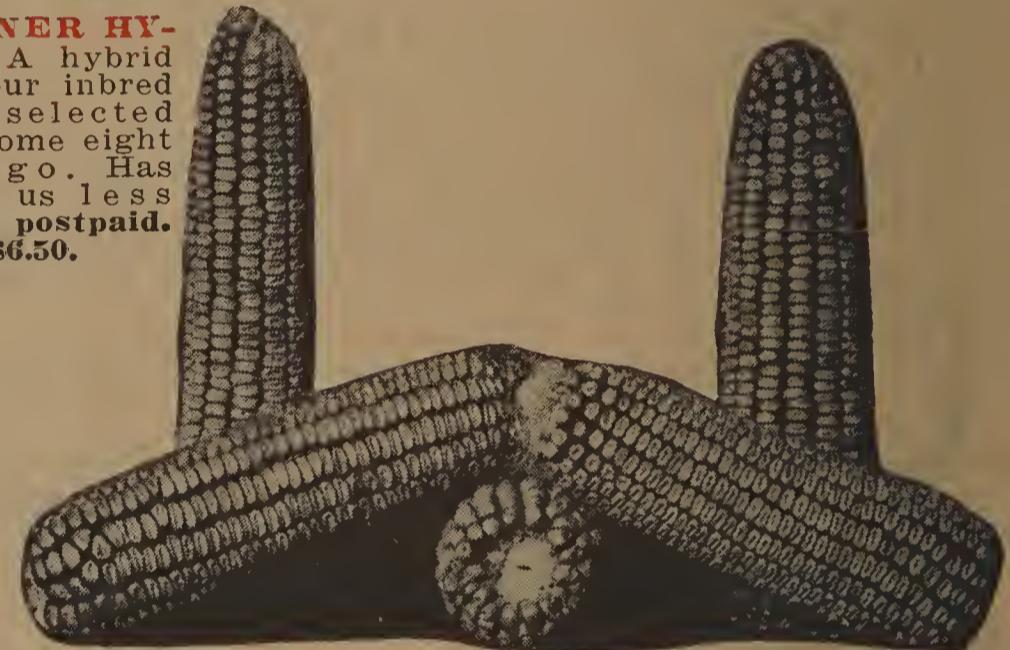
## EARLY MINN. 13 HYBRID

Obtained by us from one of the best corn breeders and growers in Minnesota, we offer this hybrid after a careful test on our own trial plots. Lb., 50c, postpaid. F. O. B. here: 10 lbs., \$1.50; ½ bu., \$4.00; bu., \$7.50.

## N. D. A. C. DAKOTA FLINT HYBRID

Produced under the outstanding corn specialist, Dr. P. J. Olson. This hybrid has greater height and heavier ears and is still as early as the parent stock. Lb., 40c, postpaid. F. O. B. here: 10 lbs., \$1.25; ½ bu., \$3.50; bu., \$6.50.

**FALCONER HYBRID.** A hybrid from four inbred strains selected by us some eight years ago. Has given us less



Alta-Falconer

## VARIETY CROSSES

Some years ago it was determined in Minnesota that variety crosses of very different types of corn would produce hybrid vigor equal to that of most regular hybrids. Furthermore it was determined that a flour corn crossed with a dent was practically sure to give a much increased yield. Along that line we have experimented for the past several years and we can announce with certainty that we have to offer this year several variety crosses which will give to our customers most of the advantages of hybrid corn. They were produced by crossing several flour corns and Falconer in different fields with Dents, always using the Dent as male parent.

**FALCONER x ALTA.** Offered last year and has given excellent results. A taller corn and more dent-like than Falconer with very good yields. Pollenizing Falconer silks with Alta pollen produces this cross. Lb., postpaid, 50c. F. O. B. here: 10 lbs., \$1.00; ½ bu., \$3.00; bu., \$5.00.

**PRIDE OF THE PLAINS FLOUR x PIONEER WHITE DENT.** If this cross behaves as in earlier trials and in accordance with Minnesota results it should give a very heavy yield. White Dent pollen used on the flour corn silk. Postpaid, lb., 50c; 10 lbs., \$1.25; ½ bu., \$3.25; bu., \$6.00.

**MANDAN-NAVAJO YELLOW FLOUR x ALTA.** Another flour corn crossed with Alta Dent which should give a very vigorous and high yielding product of good height. Postpaid, lb., 50c. F. O. B. here: 10 lbs., \$1.25; ½ bu., \$3.25; bu., \$6.00.

## NAVAJO SACRED FLOUR x ALTA.

Silks of the Cu-de-i or Sacred Navajo Flour Corn pollinized from Alta tassels. Our supply of this is very limited as it was our first experiment with these two varieties. Postpaid, lb., 50c. F. O. B. here: 10 lbs., \$1.50; ½ bu., \$3.75; bu., \$7.00.



Crossing Plot



Pollinating Inbreds

## WILL'S ORIGINAL NORTHWESTERN DENT

The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest. So much so in fact that corn of every type, color and description has since been sold under the name which we gave to this early red dent. Bloody Butcher and Calico from South Dakota and Nebraska have disappointed many a farmer who had bought them as Northwestern Dent, and found them too tall and too late to be of any value. **The only safe plan therefore is to buy Will's Original Northwestern Dent from Oscar H. Will & Co.**

It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. It ripens in 80 to 90 days. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 50c;  $\frac{1}{2}$  bu., 80c; bu., \$1.50.



Northwestern Dent



Dakota Squaw

### WILL'S GEHU YELLOW

#### FLINT

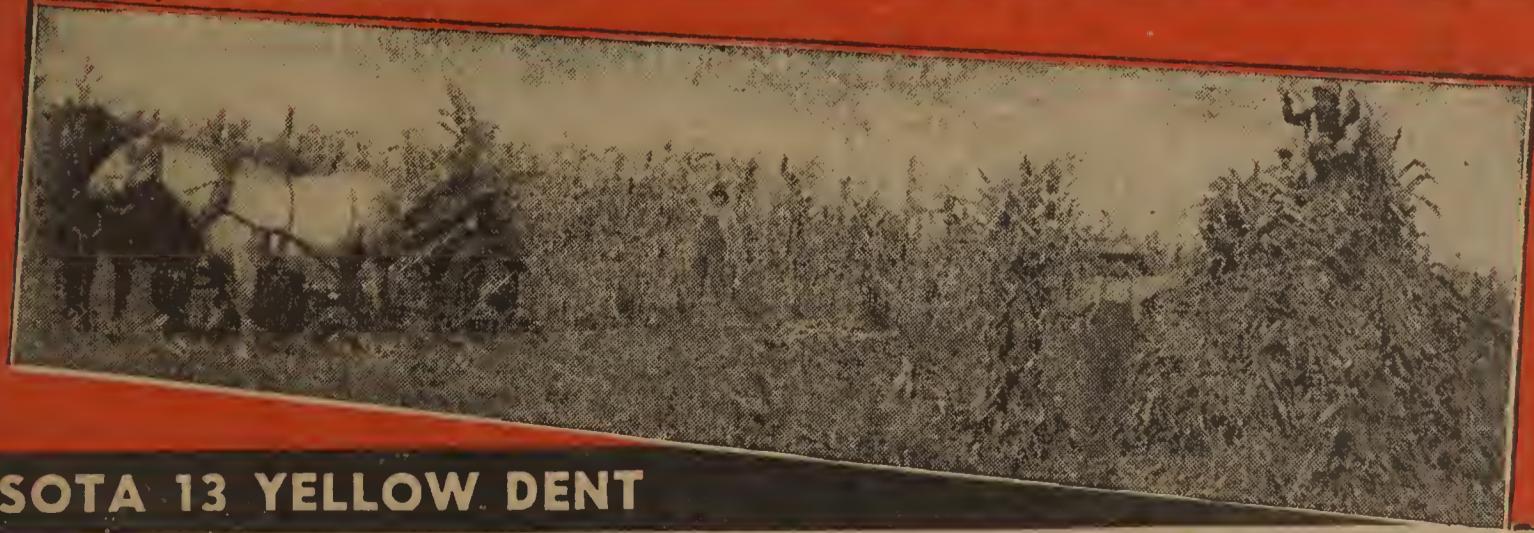
The best known of our native early flints; might well be called the universal Corn. We have shipped it to every continent and have had fine reports from it in Scandinavia, Russia, Ireland, Scotland, South Africa and South America. It has been carefully bred by us for nearly fifty years and shows the effect of this breeding. Its feeding qualities are the highest of any variety of Corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk, and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a Corn binder. Gehu is of a lemon-yellow color, ears mostly twelve-rowed, 7 to 10 inches in length. Stalks 4 to 6 feet. Ears 10 to 15 inches from the ground. Hog raisers declare that hogs will fatten on Gehu at least a third faster than on any other Corn variety. This is said to be especially notable in hogging off when the hogs do not have access to alfalfa or sweet clover. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., 80c; bu., \$1.50.



### BURLEIGH COUNTY MIXED or DAKOTA SQUAW CORN

**Hardy—Early—Heavy Yielding.** This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since on account of its extreme earliness, and its unusual hardiness and heavy yield. It is very resistant to both drought and frost and fully as heavy a yielder as any variety of early flint. It is a flint Corn of mixed colors, yellow, white, blue and red predominating, ears long and slender, mostly eight-rowed. This Corn shells out heavier than any other variety. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., 80c; bu., \$1.50.

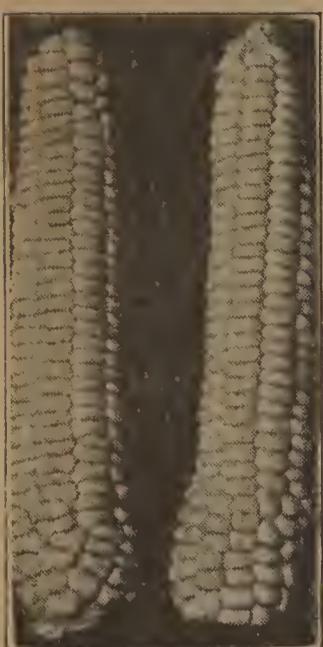
Minnesota 13



### MINNESOTA 13 YELLOW DENT

**MINNESOTA 13** is one of the most popular varieties of Corn for silage and fodder purposes in the Northwest. The ordinary strains are adapted, however, only to good soil and favorable conditions and will mature in a favorable year, but are on the average somewhat too late for anything but feed in our climate. Its yield of fodder and silage is very heavy and it attains near enough to maturity so that there is much dry matter in the content. It grows to a height of from seven to nine feet, depending on the season, usually bears two large ears to a stalk, which are many-rowed, and of a beautiful rich yellow color. Cob is red. We have strains, extra early and adapted to the Northwest.

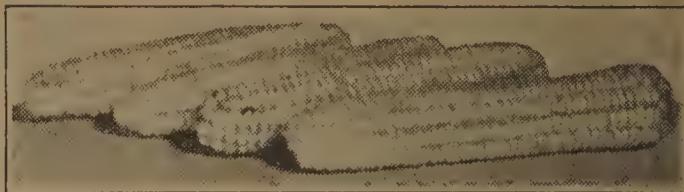
The Haney Strain is adapted to the eastern and our Boyd Strain to the western part of the state. Lb., postpaid, 30c. F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., 80c; bu., \$1.50.



Mandan White Flour

## FLOUR CORNS

The flour corns are rapidly growing in popularity—and justly so. They are completely ground and digested by live stock, contain very high percentages of fattening elements, and are perhaps the most drouth resistant of any types of corn known. Excellent for silage or feeding in the field on account of the abundance of foliage. Unexcelled for hogging off.



Mandan-Navajo

### MANDAN WHITE FLOUR CORN

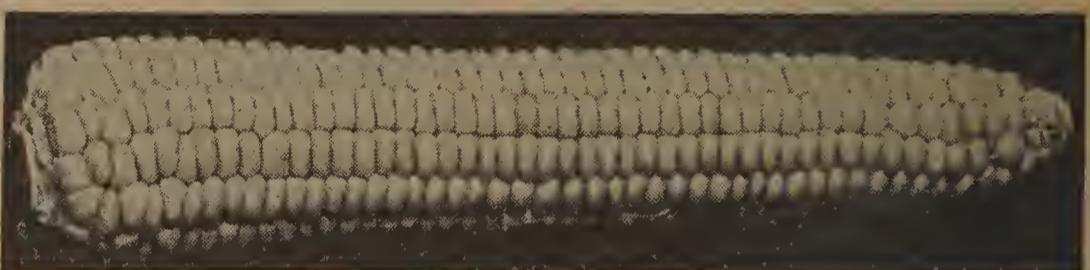
This corn is one of the original varieties grown by the Mandan, Arikara and Hidatsa Indians for the past several hundred years in the central part of North Dakota. Very early, very cold resistant and a high yielder. Lb., 35c, postpaid. F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., 90c; bu., \$1.75.

### MANDAN-NAVAJO YELLOW FLOUR CORN

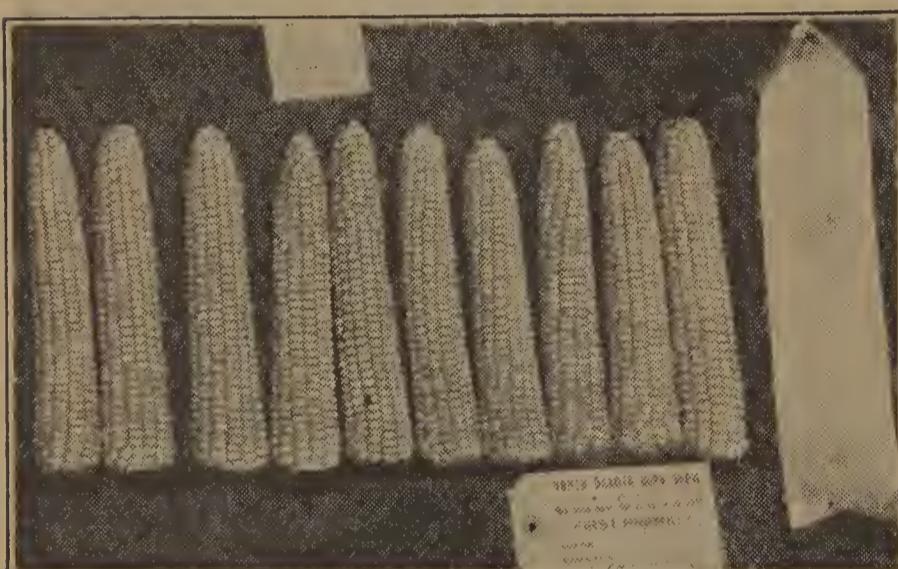
A cross between the Mandan flour corn and one of the desert varieties of flour corn from the Navajo Indians of Arizona. Inherits the drouth resistance, long leaves and heavy forage qualities of its desert parent. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., 90c; bu., \$1.75.

### PRIDE OF THE PLAINS

The Pueblo Indian corn of New Mexico matures a crop with no moisture but the spring rains, it may be planted 10 inches deep in moist soil and will force its stalk to the surface from there. Its leaves are 50% longer than those of other types. Pride of the Plains is a cross between this Pueblo corn and Mandan White Flour. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., 90c; 10 lbs., \$1.75.



Pride of the Plains



Dakota White

### DAKOTA WHITE FLINT

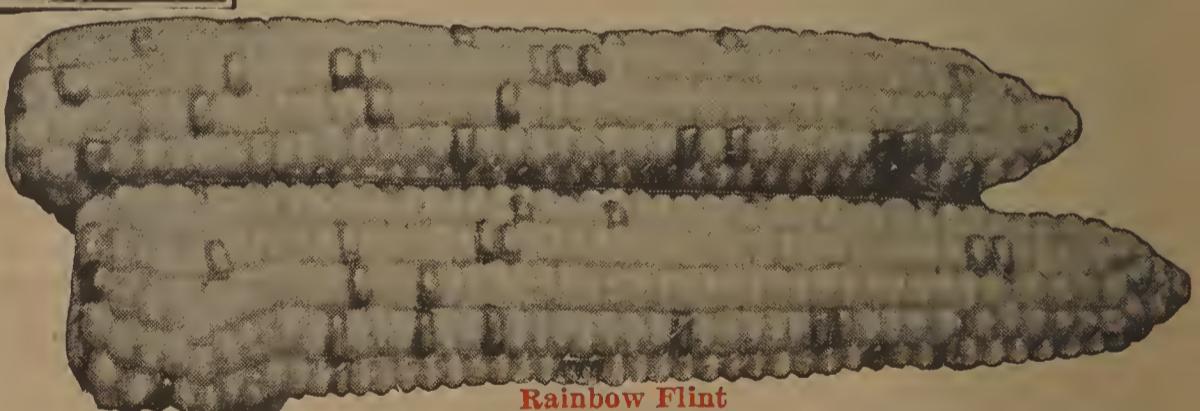
The first variety produced by Oscar H. Will in the early eighties.

A pure, pearly white flint, 8 to 12 rowed, long slender ears with small cob and a great deal of grain. Many ears to the hill, and yields of 50 bu. per acre have been reported. Stalks are leafy and bushy, a wonderful variety to feed off in the field. Height from 3  $\frac{1}{2}$  to 5  $\frac{1}{2}$  ft. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., 80c; bu., \$1.50.

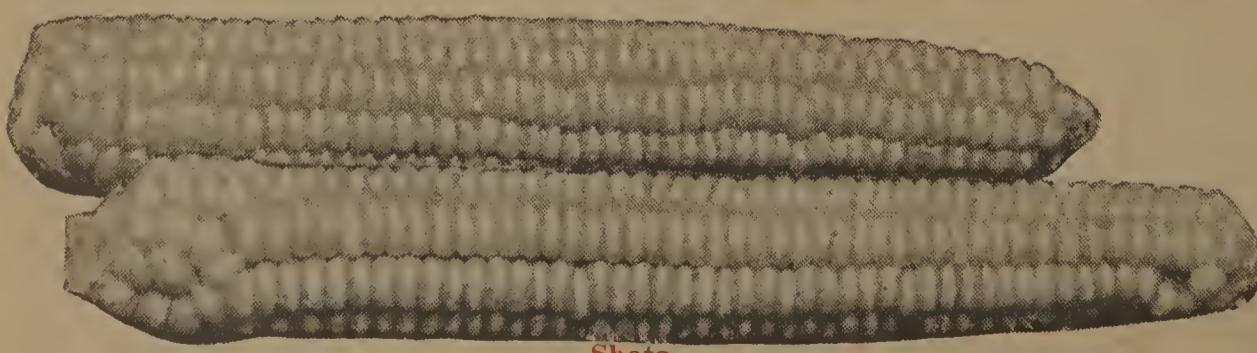
### RAINBOW FLINT

Drouth Resistant—A Tremendous Yielder

We have two strains. The Great Plains Strain was developed at the U. S. Station of Mandan, is earlier and better adapted to Great Plains conditions.



Rainbow Flint



Shota

The South Dakota Strain is somewhat taller and later.

Rainbow is probably the safest and best silage and feed corn for our section, and the heaviest producer.

S. D. Strain. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., 80c; bu., \$1.50.

Great Plains Strain. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., 80c; bu., \$1.50.

### ASSINIBOINE FLINT CORN

From the Assiniboine Indians of Canada—Earliest Type of Corn Grown.

This is hardened by 50 to 75 years of life in Canada to withstand cold and frosts. It matures the earliest of anything we can offer. Height, 2 to 4 ft., ripens in 60 days. Drill thickly and hog off for real profit. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., \$1.10; bu., \$2.00.



Assiniboine Flint



## SQUARE DEAL YELLOW DENT

An Oscar H. Will introduction, Square Deal is the earliest of all yellow dents. The ears are short and solid, the kernels are very deep and the shelling proportion is very high. Prefers rather moist soils. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., 75c; bu., \$1.40.

## PIONEER WHITE DENT



## MANDAN KING

**The Heavy Yielding, Long Eared Flint.** A cross between King Philip Late Flint and the native Mandan Indian yellow flour corn, this variety combines many of the good qualities of both, and surpasses in yield both parents. It is a somewhat late, tall growing leafy flint, which is a tremendous yielder, often bearing three ears to the stalk. Ears are long and slender, dark red to reddish yellow, stalks slender so that there is no waste. Amount of feed produced per acre is almost unbelievable. Postpaid, 1 lb., 30c. F. O. B. here, 10 lbs., 60c;  $\frac{1}{2}$  bu., 90c; bu., \$1.70.

## PAYNE'S WHITE DENT

An early corn which has done very well at the Great Plains Experiment Station at Mandan. A trifle larger ears than Pioneer. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., 80c; bu., \$1.50.

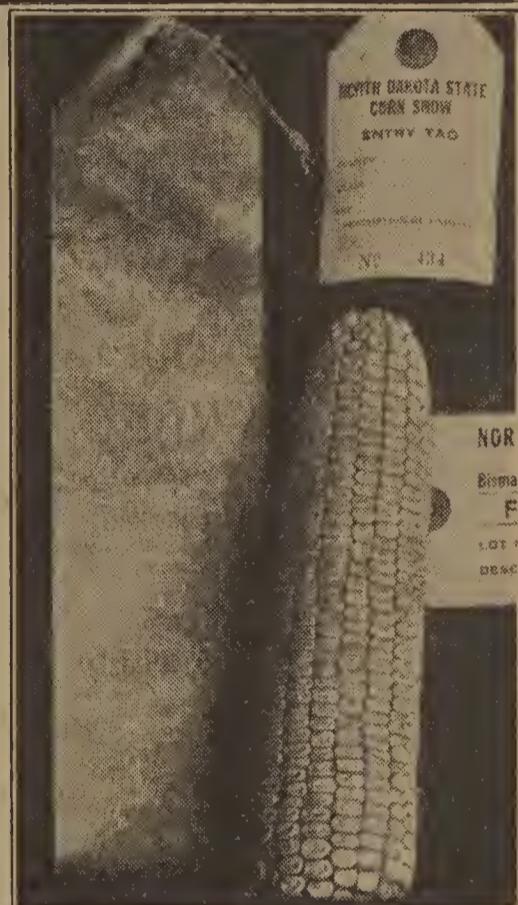


Crimmins Rustler

## ALTA DENT

As early as the early strains of Minnesota 13, bred in western South Dakota and consequently especially adapted to drier conditions and higher altitude. A handsome and valuable pure yellow dent. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., 80c; bu., \$1.50.

I am an old patron since 1914 when I sent and ordered Squaw Corn and was first in this high altitude (most 7,000) to have ripe corn.  
Ruby A. Peplou: Shriner, Mont.



Alta Yellow Dent

## RUSTLER WHITE DENT—CRIMMINS STRAIN

This especially adapted strain for central and western North Dakota has been bred by Mr. D. C. Crimmins of Hazelton, N. D. He is a corn breeder of note, winner of many premiums at the State Corn Show, and in this strain of Rustler has given us a very valuable corn. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c;  $\frac{1}{2}$  bu., 80c; bu., \$1.50.

## INTERESTING CORN VARIETIES

For Novelty Trials, Breeding Experiments, etc.

We know that many of our customers are interested in experimental work with Corn and in the observation of novel and little known sorts. We have therefore listed here a few of the many unusual types that we are constantly growing and observing, and we hope to present others each year.

**Price, lb., postpaid, 40c; F. O. B. Bismarck, 5 lbs., 75c.**

**MANDAN INDIAN CORN.** We can supply Blue Flour, White Flint, Clay Red and Black.

**WINNEBAGO INDIAN BLUE.** This is a long, slender blue flour corn from Wisconsin.

**ZUNI CORN.** Flour corn from the Pueblos of the Southwest. Red and Blue.

**YELLOW MANDAN KING.** Selected for straight yellow color over a period of several years.

**RUSSIAN EXTRA EARLY.** Corns from Siberia and the colder parts of Russia, very remarkable for earliness and height of stalk for such early corn. We have several kinds, as follows: Bezentschonskaya small kernelled red and yellow flint, Primorskaya Flint, Pervenetz West Siberia Flint, Ural No. 4797 Flint, Red Striped small early Flint, Early Russian Dark Red Flint.

**LARGE RED SWEET CORN.** An interesting cross between Northwestern Dent and Golden Bantam made by our Mr. Starkle some years ago. Great possibilities as a feed and forage variety.

**GOLD BAN.** A very early Canadian yellow sweet corn which looks good.

**SUNSHINE X ASSINIBOINE YELLOW SWEET.** A cross between Golden Bantam and the very Early Assiniboine Yellow Flour. Early, vigorous and good quality.

**ORNAMENTAL RED.** Red foliage with some yellow and white striping. Useful in beds, etc.

**MERCER FLINT.** A fine silage variety with stalks 6 to 8 ft. high, leafy, with slender stalks, ears long and slim, several to a hill, color orange yellow. A second early sort that does not always mature in short seasons. Fine

to feed in the bundle as well as for silage. We have an extra good acclimated strain. Lb., 30c, postpaid. F. O. B. here: 10 lbs., 50c;  $\frac{1}{2}$  bu., 80c; bu., \$1.50.

The 4X is, we consider, the very best procurable fodder Corn for Northwestern conditions. We get this grown just far enough south so that the maximum quantity of fodder is produced and at the same time the stalks come near enough to maturity so that they are not all water. The best time to cut Corn for fodder is when the kernels are just past the roasting ear stage.

Sow or drill ten pounds to one-half bushel per acre, if planted with a planter; 2  $\frac{1}{2}$  bu. if broadcasted. F. O. B. here, 10 lbs., 30c;  $\frac{1}{2}$  bu., 50c; 1 bu., 90c; larger lots @ 80c.

## 4X Fodder Corn

Southern Grown, Tall, Leafy



4X Fodder.

## Acme Fodder A Natural Hybrid

Almost perfect as a silage corn. This is a mixture of off type early dents and semi-dents with a previous year's cross. This sort of combination means heavy growth and yield combined with the

natural earliness of its components. Easily handled with a binder. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 45c;  $\frac{1}{2}$  bu., 65c; bu., \$1.25.

## SWEET FODDER CORN—Wonderful Feed for Milch Cows

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milch cows. Owing to the fact that its sugar content is so high it is a more concentrated feed than the ordinary Corn. It is likewise a heavy yielder as it is so bushy, and there

are no heavy, coarse stalks which are usually waste. Prices are very reasonable this year. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 75c; 50 lbs. or more @ 6  $\frac{1}{2}$ c per lb.

## WRITE FOR OUR BLUE PRICE LIST FOR LATEST PRICES

### DWARF ESSEX RAPE

Sow 6 to 10 lbs. per acre.

Very popular for hog and sheep pasture where soil is good and fairly well watered. Keeps growing out as it is eaten off and is not easily damaged by frost. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$7.75.

### PIONEER BRAND BUCKWHEAT

Sow  $\frac{1}{2}$  to 1 bushel per acre, or 25 to 50 lbs.

This is the variety commonly grown in the Northwest, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.00.

### PIONEER BRAND FIELD PEAS

**NORTH DAKOTA GROWN EARLY CANADA FIELD PEAS.** Field Peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or Spring rye. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 80c; 50 lbs., \$2.50; 100 lbs., \$4.50.

### SUNFLOWER SEED

Valuable as a poultry and parrot food, as a food for human consumption often going under the name of Russian peanuts, and also for silage. Lb., 27c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 50 lbs. or more @ 10c.

### KOREAN LESPEDEZA

A new forage crop that has proven very useful farther south. It is able to endure drouth, heat and poor soil and still make excellent pasture. An annual legume. Showed up well in our trials for the past three years. Postpaid, 1 lb., 27c. F. O. B. here @ 20c per lb.

**WHITE MARROWFAT.** Shorter than Canadian peas with a very large pea, also a bit later. A heavy yielder and a fine pea for human consumption. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; 50 lbs., \$3.25; 100 lbs., \$6.00.

Prices include sacks, and are subject to market changes without notice. Write for prices on large lots. In case of price advances, value will be sent. Get Our Special Price List, issued at intervals after January 15th.

# CHOICE SEED POTATOES

Prices Subject to Market Change Without Notice

**WARBA.** A cross between Triumph and a Minnesota seedling. Round, white, with pink eyes. Early and a very heavy yielder. Resistant to mosaic and hot, dry weather. Price F. O. B. here, 1 pk., 40c;  $\frac{1}{2}$  bu., 75c; bu., \$1.10; larger lots @ \$1.00.

**IRISH COBBLER.** A medium late or main crop sort. Yields very heavily under good conditions. A round, flattened potato of large size with many to the hill. F. O. B. here, pk., 30c;  $\frac{1}{2}$  bu., 50c; 1 bu. or more @ 90c.

**TRIUMPH.** An early, round red potato, much sought in the south for winter growing. Uniform in size and shape and a very heavy yielder. F. O. B. here, pk., 30c;  $\frac{1}{2}$  bu., 50c; 1 bu. or more @ 90c.

**EARLY OHIO.** The old favorite. Stands more drouth and hot weather than any sort we know. F. O. B. here, pk., 30c;  $\frac{1}{2}$  bu., 50c; 1 bu. or more @ 90c.

**IDAHO.** (Earliest of All.) Once more we are able to offer this specialty of ours. A medium size, pink, oblong potato ripening in a compact mass in the hill. Matures in 60 days. F. O. B. here, pk., 30c;  $\frac{1}{2}$  bu., 50c; bu., 90c; larger lots @ 85c.

## Potato Eyes

We can furnish carefully cut eyes from any of the above varieties. These dry out in very dry weather quicker than larger pieces, but otherwise are very satisfactory. They save considerable in transportation costs. Plant 8,000 to 12,000 per acre. Price, 100 postpaid, 60c; 1000, \$5.00. F. O. B. here, 1000, \$4.50.

## FIELD SEED

Prices include sacks, and are subject to market changes without notice

Write for prices on large lots. In case of price advances, value will be sent. Get Our Special Price List, issued at intervals after January 15th.

### Sudan Grass

The most productive and fastest growing of annual forage plants. Hay is of best quality for every kind of stock. Can be cut several times in a favorable year. Do not sow before June first. Lb., postpaid, 20c. F. O. B. here, 10 lbs., 45c; 50 lbs., \$2.00; 100 lbs., \$3.75.

### Sooner Milo

One of the newer grain sorghums which we have been watching in our trials. With us it has been the earliest and surest, in addition it has produced nearly twice as much growth as any other extra early sorghum. Lb., 15c, postpaid. F. O. B. here, 10 lbs., 50c; 50 lbs., \$1.50; 100 lbs., \$2.75.

### Early Amber Cane

Earliest and most widely used of all the sweet sorghums for planting in the Northwest. Excellent both for silage and roughage. Price lb., postpaid, 15c. F. O. B. here, 10 lbs., 40c; 50 lbs., \$1.50; 100 lbs., \$2.75.

**GREAT PLAINS DAKOTA AMBER.** This is an extra good selection of Dakota Amber, early, high producing and suitable for syrup. Lb., postpaid, 30c. F. O. B. here, 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$7.50.

### Korean Lespedeza

A new forage crop that has proven very useful farther south. It is able to endure drouth, heat and poor soil and still make excellent pasture. An annual legume. Showed up well in our trials for the past two years. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$1.75.

### Soy Beans

The early sorts are giving fair results in parts of the Northwest, and the hay produced by any variety is highly valuable. We have several of the extra early sorts including WISCONSIN BLACK, MINNOSOY, MANITOBA BROWN, etc. Orders will be filled from the sorts specified or from the nearest substitute we have. Postpaid, lb., 25c. F. O. B. here, 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.50.

### Hay Millets

**DAKOTA-KURSK.** The very best hay Millet for North Dakota yet found. A tremendous yielder of fine quality hay and a heavy seed bearer. Our seed comes from the U. S. Dept. of Agriculture. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 60c; 50 lbs., \$2.50; 100 lbs., \$4.50.

**SIBERIAN MILLET.** This is the hardiest and most planted variety in the Northwest. Does not degenerate from planting northern seed as do some sorts. We supply either northern or southern

grown, as they are of equal value. Lb., 20c, postpaid. F. O. B. here, 10 lbs., 40c; 50 lbs., \$1.50; 100 lbs., \$2.50.

**WHITE WONDER MILLET.** The White Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drought resistant with heavy foliage and broad leaves, producing an immense amount of excellent fodder. Lb., 20c, postpaid. F. O. B. here, 10 lbs., 45c; 50 lbs., \$2.00; 100 lbs., \$3.75.

**SOUTHERN GROWN GERMAN MILLET.** This is German millet, sometimes called Golden, raised in the latitude of Kansas and southern Nebraska. Lb., 20c, postpaid. F. O. B. here, 10 lbs., 40c; 50 lbs., \$1.50; 100 lbs., \$2.75.

**HUNGARIAN MILLET.** This variety is one of the best adapted to northern conditions of any sort. It is suited to cooler weather, and under such conditions will mature seed which does not degenerate as does the northern grown seed of some sorts. Lb., 25c, postpaid. F. O. B. here, 10 lbs., 60c; 50 lbs., \$2.25; 100 lbs., \$4.00.

**JAPANESE MILLET.** This variety is of a different family from the others. It does best on heavy, moist soil where it will usually produce two cuttings or a great amount of pasture. It is better for horses than the ordinary sorts. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 50 lbs., \$2.25; 100 lbs., \$4.00.

### Hog or Proso Type Millets

**EARLY FORTUNE or RED PROSO.** This red form of the proso or hog millet type is in especial favor for mixture in poultry foods. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 30c; 50 lbs., \$1.00; 100 lbs., \$1.75.

**BROOM CORN or YELLOW PROSO.** The first type of Proso grown in the Northwest. Color varies from yellow to creamy white. Resembles Early Fortune except in seed color. Lb., 20c, postpaid. F. O. B. here, 10 lbs., 30c; 50 lbs., \$1.20; 100 lbs., \$2.00.

**TURGHAI PROSO.** We are glad to offer this very excellent variety of proso. We believe it to be the heaviest yielder of any proso, the curliest, and a tall growing, non-lodging variety as well. The seed is a rich, dark reddish brown in color, and of very beautiful appearance. Sells on the market at red proso prices. Very valuable as poultry feed for all kinds of stock, the straw also having unusually good feeding quality. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; 50 lbs., \$1.50; 100 lbs., \$2.50.

**NOTICE—**These prices subject to change. Our blue price list issued once or twice each month gives latest prices and may be had on request.

**NOTE ALSO THAT ALL PRICES INCLUDE COST OF SACKS.**

We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds. Field seeds and grain are sold under the non-warranty clause on Page 2.

Prices for Winter Wheat and Winter Rye on Request.

## SEED OATS

**GOPHER.** Developed from the Kherson type. These are perhaps the best all around oats for North Dakota today and increase in popularity each year. Very early and at the same time very heavy yielding. A product of the Minn. Experiment Station. Lb., 20c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., 25c; bu., 45c; larger lots @ 42c.

**VICTORY.** This is the standard mid-season oat and is of the Swedish Select type but somewhat improved. Very popular over the Northwest and a fine yielder. The grain is very plump and heavy. Lb., 20c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., 25c; bu., 45c; larger lots @ 42c.

**RAINBOW.** This is one of the newer varieties which has been very good in the lower and moister sections. Its chief value is its rust resistance. Lb., 20c, postpaid. F. O. B. here,  $\frac{1}{2}$  bu., 30c; bu., 52c; larger lots @ 50c.

## SEED FLAX

**BISON.** This variety seems to be the most popular for several reasons. It is both wilt and rust resistant, it is large seeded and heavy yielding, very tall and bushy. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., 65c;  $\frac{1}{2}$  bu., \$1.60; bu., \$3.00.

**CLEAN SEED FLAX.** This is unpedigreed flax seed of good quality, suited for breaking planting. Lb., 30c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., \$1.50; bu., \$2.75.

## SPELTZ OR EMMER

**SEED SPELTZ or EMMER.** This is the ordinary speltz grown throughout the state and without a pedigree. Fine horse, hog, poultry and cow feed. Lb., 20c, postpaid. F. O. B. Bismarck, bu. (40 lbs.), 75c; larger lots @ 70c.

**WRITE FOR PRICES ON CERTIFIED SEED GRAIN OF ANY SORT**

## PIONEER BRAND CLOVER SEED

**WHITE DUTCH or LAWN CLOVER.** White clover is a hardy, low growing, perennial variety that is used in some sections for pasture, and is universally used for lawns, either alone or in combination with grasses. For lawn use seed 1 lb. to 300 square feet or mix with grass seed at the rate of 1 lb. to 5 lbs. of grass seed. Postpaid, 1 lb., 65c. F. O. B. Bismarck, 5 lbs., \$2.80; 10 lbs. or more @ 54c.

**MAMMOTH RED CLOVER.** While we have hesitated about advocating the Mammoth Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and eastern

## THATCHER WHEAT

The new rust resistant wheat from the Minnesota Experiment Station which did so well the past two seasons. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 25c;  $\frac{1}{2}$  bu., 50c; bu., 90c.

## DURUM or MACARONI WHEAT

**KUBANKA.** For general excellence in every way the Kubanka still holds first place. We have a wonderfully pure stock this year of excellent quality. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 25c;  $\frac{1}{2}$  bu., 50c; bu., 90c.

**RED DURUM.** The rust-proof, heavy yielding durum that is used entirely for feed. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 20c;  $\frac{1}{2}$  bu., 45c; bu., 80c.

## SEED BARLEY

**WISCONSIN NO. 38.** A heavy yielding 6 row malting barley with smooth beards. Lb., 20c, postpaid. F. O. B. here,  $\frac{1}{2}$  bu., 50c; 1 bu., 90c; larger lots @ 80c.

**TREBI.** This is perhaps our heaviest yielding barley and the best for feed purposes. It is a strong growing six row variety which is not suitable for malting. Lb., 20c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., 40c; bu., 65c.

## PROLIFIC SPRING RYE

This is a new spring rye which very much out-yields the common sort, supply is limited and hard to locate. A very large type. Lb., 30c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., 50c; bu., 90c; larger lots @ 80c.

**NORTH DAKOTA SPRING SEED RYE.** First quality North Dakota grown seed rye of high purity and germination. Spring rye is scarce and hard to find. Lb., 25c, postpaid. F. O. B. Bismarck,  $\frac{1}{2}$  bu., 45c; bu., 80c; larger lots @ 75c.

Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. Lb., 60c, postpaid. F. O. B. here, 10 lbs., \$4.50; larger lots @ 40c.

**ALSIKE or SWEDISH CLOVER.** This clover is hardy and cold resistant, and is a very valuable pasture plant. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. 1 lb., 50c, postpaid. F. O. B. Bismarck, 10 lbs., \$2.50; larger lots @ \$19.00.

# WILL'S PIONEER BRAND GRASS SEED

## DIRECTIONS FOR MAKING LAWNS

The seed bed should be spaded or plowed to a depth of 6 or 7 in. All lumps should be broken up, the surface smoothed with rake or plank and well firmed. Sow evenly on a quiet day, rake in well and roll if possible. Use seed at the rate of 1 lb. per 200 square ft. If possible water thoroughly at once.

Good loam soil is best, for the finest lawn black dirt may be spread several inches thick but a good turf of the hardier varieties does not require it.

Our Emerald Mixture should be used for the best lawns where water is available.

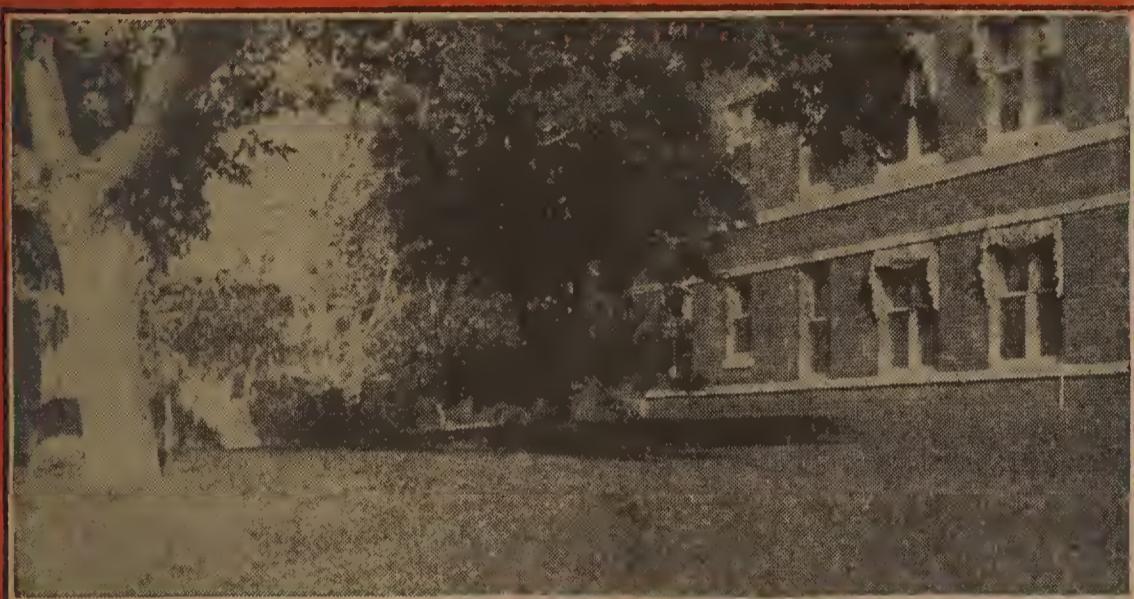
Red Top and Chewings Fescue are adapted to shady spots.

For a little harder conditions but where some watering is possible, use our Dakota Mixture.

For a good looking dry land lawn, farm yard or large public grounds use Buffalo Grass Stolons or Fairway Crested Wheat Grass.

Do not permit the watered lawn to dry out at all until the grass is well up.

Fertilize from year to year as indicated by the condition of the lawn.



## WILL'S DAKOTA LAWN MIXTURE

This is a utility mixture for those who do not wish to give the necessary care and attention for the fine lawn and yet want a nice appearing grass plot around the house, also useful for street boulevards and large public building grounds. Made up of coarser and hardier grasses, it still requires some water. Clover may be used with it to advantage. Postpaid, 1 lb., 32c. F. O. B. here, 5 lbs., 95c; 10 lbs., \$1.80; 50 lbs. or more @ 17c.

## CHEWINGS FESCUE

A New Zealand selection of a native American grass. As observed by us at Saskatoon recently this makes the very closest, finest velvety turf we have ever seen. Absolutely cold resistant but needs lots of water and care. Lb., postpaid, 90c. F. O. B. Bismarck, 5 lbs., \$4.00; 10 lbs., \$7.50. Larger lots @ 70c.

## BUFFALO GRASS PLANTS

This native grass, which seldom produces viable seed, is undoubtedly the most perfect lawn grass for dry conditions in existence. It spreads by means of runners, throws up no tall stalks, but produces a dense mat on the ground—the bent grass of the plains. We list this grass by the 100 plants or stolons. The plants are set out from 6 to 15 inches apart each way. In one season the whole area should fill in. Its only fault is that it turns reddish early in the fall. Needs practically no mowing. Per 100 stolons postpaid, 65c (enough for 140 sq. ft.); 500, \$3.00; F. O. B. here, 1000, \$5.00.



A Buffalo Grass Lawn

Use VIGORO ON  
YOUR LAWNS.

## FAIRWAY CRESTED WHEAT GRASS

This strain developed at the Saskatchewan Experiment Station answers very well for large lawn areas, public grounds, parks, football fields, etc. It is a fine grass, stands cutting well, keeps green late. Is a trifle bumpy.

Also a very good hay and forage plant. Heavier yielding and leafier than the Standard Strain, yet in a dry year it may not yield quite as much. Lb., postpaid, 40c. F. O. B. here, 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.25; 100 lbs., \$23.00.

We shall be glad to give advice and make up special mixtures for airports, parks, public school grounds, football fields, etc.

## EMERALD LAWN

### An Emerald Lawn

Registered U. S. Patent Office.

We include no white clover but can supply it to those desiring it at prices shown on page 52.

The Emerald Mixture has been planted in North Dakota and the Northwest for 40 years, and beautiful lawns throughout the Northwest testify to its excellence.

This mixture contains no coarse seeds and is composed of the best varieties of the very best quality obtainable. Kentucky blue grass is the foundation of the mixture.

EMERALD is the finest and best mixture for the lawn that can receive proper care; accept no substitute for it. Postpaid, 1 lb., 35c. F. O. B. here, 5 lbs., \$1.00; 10 lbs., \$1.90; 50 lbs. or more @ 18c.

## KENTUCKY BLUE GRASS

The foundation of hardy lawn grass. We handle nothing but the fancy, clean seed. 1 lb., 35c, postpaid. F. O. B. here, 5 lbs., \$1.10; 10 lbs., \$2.10; 50 lbs. or more @ 20c.

## RED TOP OR HERD'S GRASS

Useful in the Northwest principally for seeding low moist spots, slough beds, basins, and any place where the water may stand at times. Lb., 30c, postpaid. F. O. B. here, 10 lbs., \$1.80; larger lots @ 17c.

## CREEPING BENT GRASS SEED

This is very popular for lawn grass purposes and makes a wonderful lawn after it is once established. Must be planted and tended very carefully until it has made a small growth. Requires lots of water. Lb., postpaid, \$1.00; F. O. B. here, 5 lbs., \$4.00; larger lots @ 75c.

## Grasses

**STANDARD CRESTED WHEAT GRASS.** The hardest and most drouth resistant grass yet discovered. Introduced by the Department of Agriculture and especially well tested and recommended after years of work by the Dickinson sub-experiment station under the direction of Mr. Moomaw. Also carefully tested and very favorably reported upon by the U. S. Northern Great Plains Field Station at Mandan. The outstanding variety for the Great Plains. Postpaid, 1 lb., 45c. F. O. B. here, 5 lbs., \$1.50; 10 lbs., \$2.25; larger lots @ 18c per lb.

**GRAMA GRASS.** The wonderful short grass of the upland prairies. Only occasionally does the seed germinate but we have a small supply of excellent seed. It is best scattered on the surface in the winter. Postpaid, 1 lb., \$1.25.

**PIONEER BRAND TIMOTHY SEED.** We offer only northern grown Timothy seed which is from acclimated fields. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$6.00.

**MEADOW FESCUE or ENGLISH BLUE GRASS.** This grass is one of the hardiest grasses for the Northwest. It also withstands severe cold very well. Postpaid, 1 lb., 30c. F. O. B. here, 10 lbs., \$1.75; 25 lbs. or more @ 16c.

**WESTERN WHEAT GRASS (*agropyron smithii*).** The most famous grass of the Great Plains region. Listed by us last year and we can still offer

seed from a crop of good germination which comes only occasionally. Valuable mainly for permanent seeding down for pasture and hay both. Lb., postpaid, 35c. F. O. B. Bismarck, 5 lbs., \$1.00; 10 lbs., \$1.50; 100 lbs., \$13.00.

**BROME GRASS—*BROMUS INERMIS* (Austrian or Russian).** Brome Grass is an exceedingly valuable pasture grass, especially for early Spring and late Fall. 1 lb., 35c, postpaid. F. O. B. here, 10 lbs., \$1.80; 100 lbs., \$16.00.

**GREAT PLAINS PASTURE MIXTURE.** This is an item for which there seems to be an increasing demand. The mixture which we list is one recommended by Dr. Hansen at the N. D. Experiment Station. It consists of 6 lbs. brome grass, 4 lbs. crested wheat grass, 5 lbs. slender wheat grass, 3 lbs. yellow blossom sweet clover. 18 lbs. or enough for 1 acre, \$2.70; 100 lbs., \$15.00.

**REED CANARY GRASS OR *PHALARIS*.** This is a native of the low flooded sections of our Missouri River bottom lands and the sloughs of Minnesota. Will not stand heavy alkali. The best grass for wet spots that we have. Lb., postpaid, 50c. F. O. B. here, 5 lbs., \$2.50; 10 lbs., \$4.50; 100 lbs., \$42.00.

**WESTERN RYE OR SLENDER WHEAT GRASS.** Hardy, drought resistant, of good quality, a native variety. It stands cutting better than the brome and hay is of better quality. Becomes sod bound quickly. Postpaid, 1 lb., 30c. F. O. B. here, 5 lbs., \$1.00; 10 lbs., \$1.75; 100 lbs., \$15.00.

## Sweet Clover

Clover and Alfalfa Seed Prices Subject to Change Without Notice—Value Sent If Prices Are Higher—Sacks Included in Prices

**ALPHA SWEET CLOVER—With the Good Qualities of Alfalfa.** Another product of the Saskatchewan Experiment Station. Seems to combine the characteristics of both alfalfa and sweet clover, has many fine stems, is very leafy, more palatable than sweet clover. Probably an alfalfa-sweet clover cross. Postpaid, 1 lb., 35c. F. O. B. Bismarck, 5 lbs., \$1.20; 10 lbs., \$2.00; larger lots @ 18c.

**HUBAM ANNUAL.** This is a white sweet clover that may be planted in April and will mature and make seed the first year. A one year crop like Millet but may be planted much earlier. Postpaid, 1 lb., 30c; F. O. B. here, 10 lbs., \$2.00; larger lots @ 16c.

**YELLOW BLOSSOM SWEET CLOVER SEED.** Outside the lower and heavier soil sections of the Northwest the Yellow Blossom variety seems to

be better adapted than the white. Its advantages over the higher and drier sections are greater hardiness as regards a combination of cold and drought, finer quality of hay, a crown like alfalfa so that it may be cut as close to the ground as one wishes. We have a wonderfully fine stock of seed. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 80c; 100 lbs., \$7.50.

**WHITE BLOSSOM BIENNIAL.** The Tall, Late Sort that is in greatest demand if you wish to sell seed. This is the only kind used in Iowa and Illinois where 90 per cent of the seed from the Northwest is sold. Must be cut high for hay as it grows from the bases of the branches. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 80c; 100 lbs., \$7.25.

**MIXED SWEET.** Perfectly good seed for sowing anywhere, but cannot pass as either pure yellow or white. F. O. B. here, 10 lbs., 75c; 100 lbs., \$7.00.

## Pioneer Brand Alfalfa Seed

### LADAK ALFALFA—THE LATEST ALFALFA SENSATION

**LADAK** is a variety originated in the very high, mountainous sections of India. It has proved, under Northwestern and Great Plains conditions, to be the hardiest, most drouth resistant and heaviest yielding variety so far known. In addition it has considerable wilt re-

sistance. The supply is very limited.

We refer you to articles in the Country Gentlemen and other agricultural publications for further information. A very short crop. Price, 1 lb., postpaid, 70c. F. O. B. here, 5 lbs., \$3.00; 10 lbs., \$5.50; 25 lbs. or more @ 50c.

**NORTHWESTERN GROWN VARIEGATED ALFALFA.** The fact has become pretty well established that only the strains of alfalfa with variegated flowers are hardy in the Northwest. Such strains are Grimm, Cossack, Ladak, etc. The seed which we offer under this

head is seed from fields with variegated bloom. The mere fact of hardiness and variegated blossom prove that it belongs to one of the hardy strains. Lb., 55c, postpaid. F. O. B. Bismarck, 10 lbs., \$4.00; 50 lbs., \$18.00; 100 lbs., \$32.00.

**NORTHWESTERN, SECOND GRADE.** This is seed of less handsome appearance and not as high purity and germination as the best, but very satisfactory if seeded a little heavier. Supply limited. F. O. B. here, 100 lbs., \$20.00.

### REGISTERED AND CERTIFIED GRIMM.

Officially sealed and tagged.

This is officially registered and certified seed from fields of Grimm which have been officially inspected and the seed officially graded, and whose pedigree is on file with a history of the

field in the office of state authorities. Grimm still remains the favorite for hardiness and yield. If you wish to sell your seed at a premium, plant this seed. Blue tag, 1 lb., 65c, postpaid. F. O. B. here, 10 lbs., \$5.00; 50 lbs., \$22.00; 100 lbs., \$42.00.

# GREENHOUSE DEPT.

## CUT FLOWERS

We offer at all times lovely bouquets, flower baskets, blooming plants in their season and floral designs for any occasion at reasonable prices. Prompt service always.

WE TELEGRAPH FLOWERS—ANYWHERE—ANYTIME. Satisfactory delivery GUARANTEED through our membership in the FLORISTS TELEGRAPH DELIVERY ASSOCIATION—more than 8000 Members All Over the World.

The N. D. 2% Sales Tax applies on all greenhouse merchandise except vegetable plants.

### FERNS

We list the finest and most desirable varieties of these attractive ornamental plants. Easy to grow and care for. Postpaid prices. 3 in. 35c; 4 in. 65c. Mailed in paper pots. We do not mail the larger sizes. F. O. B. here, 3 in., 25c; 4 in., 50c; 5 in., \$1.00; 6 in., \$1.50; 7 in., \$2.00. Shipped in clay pots.

**BOSTON (Sword Fern).** All sizes. **WHITMANI (Crested Fern).** All sizes. **ASPARAGUS PLUMOSUS (Lace Fern).** 3 and 4 inch size. **ASPARAGUS SPRENGERI (Feather Fern).** 3 and 4 inch size. **BABY TEARS (Paddy's Wig).** 3 inch size. These are all sturdy stock which will please you.

## BEDDING PLANTS In Paper Pots

Strong healthy plants from 3-inch pots. Much stronger than the usual  $2\frac{1}{2}$  inch plants and not to be compared with ordinary transplants. **F. O. B. Bismarck, 15c each; 2 for 25c; \$1.40 per doz.** Postpaid price. 20c each; \$2.00 per dozen.

**AGERATUM.** Lovely light blue for borders and edgings. Dwarf.

**COLEUS.** Yellow, red and variegated. Also Trailing Queen.

**GERMAN IVY.** Bright green vine. Fine for window and porch boxes.

**LOBELIA. Compacta.** Deepest blue, dark foliage. 4 inches high. **Speciosa.** Trailing. For window boxes, etc. **Tenuior.** Large dark blue. 16 inches high.

**PETUNIA.** Single type. The leader for bedding.

**Diener's Blue.** Deep silky blue semi-dwarf.

**Improved Celestial Rose.** Rich satiny rose pink.

**Ruffled Monsters.** Red with dark center and assorted colors.

**SALVIA. (Scarlet Sage.)** Fiery red and a free bloomer, especially in the Autumn.

**SNAPDRAGON.** Large flowered, medium height. Bronze, yellow, pink, white and red, make wonderful cut flowers.

**SWEET ALYSSUM.** Low white everblooming border plant.

**VERBENA.** White, pink, red and purple. Lovely for mixed beds.

The following Plants and Vines from 3-inch pots. **F. O. B. Bismarck, 20c each; \$2.00 per doz.** Postpaid price. 25c each; \$2.50 per doz.

**DAISY. Marguerite.** Single white with yellow eye.

**PETUNIAS. Prize Double.** Fine plants in mixed colors. Including "World's Beauty" Fringed Rose Pink.

**GERANIUMS.** Strong plants of the varieties listed below.

Exceptionally strong thrifty plants from 4-inch pots. **F. O. B. here, 30c each; 3 for 85c; per doz., \$3.00.** Postpaid, each, 38c; 3 for \$1.00; 12 for \$3.75.

**BEGONIA.** Everblooming type. Excellent house plants, also for garden planting in season. Furnished at any time.

**Luminosa.** Deep scarlet, reddish foliage.  
**Prima Donna.** Lovely rose-pink, green leaves.  
**CANNAS.** Strong plants of all varieties listed under "Bulbs," on next page.  
**GERANIUMS.** Strong heavy plants. See cut.  
**Irvington Beauty.** New rosy salmon pink.  
**La Favorite.** Finest double white.  
**Improved Poltevine.** Beautiful shrimp pink.  
**Red Barney.** Brilliant red. Free bloomer.

**WILL'S GIANT BLOOM PANSIES.** Sturdy free blooming transplants. Mammoth blooms. 40c per doz.; 50 for \$1.50; 100 for \$2.75. Postpaid, 55c per doz.; \$3.50 per 100.

### TRANSPLANTED BEDDING PLANTS

35c per doz.; 50 for \$1.15; \$2.00 per 100. Postpaid delivery price, 45c per doz.; \$2.75 per 100.

**ASTERS.** Wilt-resistant strains. Pink, lavender, purple and red.

**SNAPDRAGON.** All shades.  
**AGERATUM.** Light blue for borders.



Giant Pansy

## FOR POOL OR TUB CULTURE Best Varieties

Free Cultural Directions. Shipments After May First Only. All prices delivered.

**HARDY WATER LILIES.** Marliac White, M. Yellow, M. Pink and Comanche (Bronze). 75c ea.; 4 for \$2.65.

**FLOATING PLANTS.** WATER HYACINTHS (Lilac bloom), WATER LETTUCE, PARROT'S FEATHER. 2 for 25c; 6 for 60c.



Water Lily

# VEGETABLE PLANTS

These vigorous, stocky plants are all transplanted widely, thus insuring strong well-developed roots to make rapid growth in your garden. We use only the finest grade of Will's seed of the newer early varieties selected for the short growing seasons of the Northwest, but can not supply special sorts. Our prices are very low considering the fine quality. It pays to plant the best.

No Sales Tax on Vegetable Plants.



Potted Tomato Plants

	POSTPAID			F.O.B. BISMARCK BY EXPRESS			
	12	50	100	12	50	100	1000
CABBAGE. Early Transplanted.....	\$0.35	\$1.15	\$2.00	\$0.25	\$0.85	\$1.50	\$12.50
CABBAGE. Late Transplanted.....	.35	1.15	2.00	.25	.85	1.50	12.50
CAULIFLOWER. Transplanted.....	.40	1.25	2.25	.30	1.00	1.75	15.00
CELERY. Trans. Self-Blanching.....	.40	1.25	2.25	.30	1.00	1.75	15.00
EGG PLANT. Trans. Early.....	.50	1.60	2.85	.40	1.35	2.50	....
PEPPERS. Sweet Transplanted.....	.45	1.40	2.40	.35	1.15	2.00	....
PEPPERS. Sweet Potted.....	1.00	3.25	....	.75	2.75	4.75	....
GROUND CHERRY. Transplanted.....	.45	1.40	2.40	.35	1.15	2.00	....
GROUND CHERRY. Potted.....	1.00	3.25	....	.75	2.75	4.75	....
TOMATOES. Transplanted.....	.45	1.40	2.40	.35	1.15	2.00	17.00
TOMATOES. Potted.....	1.00	3.25	....	.75	2.75	4.75	....
TOMATOES. Fargo Yellow Pear.....	.45	1.40	2.40	.35	1.15	2.00	....
SWEET POTATO PLANTS.....	.35	1.15	2.00	.25	.85	1.50	12.50

OUR POTTED TOMATO, PEPPER and GROUND CHERRY PLANTS are especially recommended. Grown in three-inch pots they develop a larger root system which is not injured in transplanting to your garden and so can start bearing promptly.

# Will's Pioneer Dahlias

Dahlias are among the most magnificent and colorful of all the summer flowers, both for garden decorations and as cut flowers. Our 1939 list is very attractive, combining some newer introductions with the older favorites. Strong, clean tubers at very reasonable prices. The size of a tuber has very little to do with the results; small bulbs are as good as larger ones and sometimes better. Some of the finest sorts have very small tubers.

Each of Will's bulbs is stamped with variety number to prevent mixing. Packed separately in sawdust and wrapped in parchment paper to reach you in the best possible condition.

## GARDEN CHARM DAHLIA COLLECTION

**JANE COWL.** (Decorative.) Large flowers of old gold and buff, shading to salmon. (See cut.) Each, 27c; 3 for 72c.

**JEAN KERR.** (Dec.) Popular white, very prolific. Each, 21c; 3 for 54c.

**JERSEY BEAUTY.** (Dec.) Large perfect blooms of clear pink. No garden complete without this one. Each, 32c; 3 for 85c.

**MINA BURGLE.** (Dec.) Mammoth Poinsettia red blooms. 21c each; 3 for 54c.

**MRS. I. de ver WARNER.** (Dec.) Lovely orchid-lavender of large size. Best in its color. 27c each; 3 for 54c.

**YELLOW COLOSSE.** (Dec.) Golden yellow blooms. Free flowering; extra fine cut flower. 18c each; 3 for 47c.



Jane Cowl

**COLLECTION PRICE.** One tuber of each of the above six exquisite Dahlias, retail price \$1.46, for \$1.00; Three collections \$2.75.



Capital Mixture

## CAPITAL DAHLIA MIXTURE

Greater value than ever in this, our very popular mixture of all types and colors of Dahlias. Guaranteed to please you. 6 tubers for 50c; 12 for 90c. Delivered.

Our Bulbs Must Make Good or We Will

## CANNA BULBS

Complete cultural directions with each order.

These stand at the head of all bedding plants where a massed effect is desired. Growing in popularity. Strong dormant roots. Each, 15c; 2 for 25c; \$1.25 per dozen, delivered.

**KING HUMBERT.** 4-5 ft. tall. This gold-medal Canna is the favorite today. Orange-scarlet flowers. Bronze foliage.

**MRS. ALFRED CONARD.** 4 feet. Exquisitely shaded salmon-pink blooms in profusion. Green foliage.

**KING MIDAS.** 4-5 ft. Clear yellow with green leaves. The finest and largest yellow in existence.

**THE PRESIDENT.** 3-4 ft. Rich glowing scarlet blooms of great size, green foliage.

**CANNA PLANTS.** See under "Bedding Plants" on page 55.



Canna

# GLADIOLUS

The modern "Glads" we list are prizewinners in every way. For show, garden and bouquet flowers they can not be surpassed. Our list for 1939 includes many world-wide favorites in a wide range of colors and types of bloom.

Now—1939—is the time to make the acquaintance of these beauties in your own garden. Young high-crowned vigorous bulbs; large (1st) size and free of harmful disease and insect pests.

OUR BULBS  
MUST MAKE  
GOOD OR  
WE WILL.

Not less than 6 at dozen rates or 36 at hundred rates. Complete directions for culture free with each order.

ALL BULBS  
PRICED  
DELIVERED

Picardy



Bagdad

## WILL'S BIG FOUR 4 2<sup>00</sup> COLLECTION \$2<sup>00</sup>

**10 PICARDY.** Best Salmon pink.  
**10 MARMORA.** Best Lavender smoky.  
**10 EXCELLENCE.** Gorgeous rich red.  
**10 LA PALOMA.** Large vivid orange.  
**40** Beauties. These four varieties are selected as the most outstanding glads known to us for Northwest plantings. Each is perfect in every way including the low price. Identified by (\*\*) on margin of listing.

These forty large bulbs, separately packed as to color, a \$2.80 value, and a real bargain at **\$2.00, delivered.**

4

### PINK

**\*PICARDY.** Continues to hold first place as a cut flower Glad. Immense florets of soft shrimp pink with no flecking. A real bargain for your garden at 3 for 17c; 51c a dozen, and 100 for \$3.50.

**\*BETTY NUTHALL.** Still a prize-winner with its warm coral pink blooms, marked yellow in the throat, well arranged on enormous spikes. 3 for 17c; 12, 51c; 100 for \$3.50.

**DEBONAIR.** LaFrance pink to shrimp pink, creamy throat, blotch slightly peppered crimson. Many large blooms on long flower head. Rivals Picardy. 3 for 24c; 12, 72c; 100 for \$5.00.

**\*DUNA.** Another Palmer beauty of soft pink-buff shading to pale yellow at base. Many open. Stands hot weather very well. 3 for 24c; 12, 72c; 100 for \$5.00.

**MRS. E. J. HEATON.** Deep salmon pink with light throat. No markings, non-fading. Excellent in all respects. We are fortunate to be able to offer this beauty at 20c each; 3 for 50c; 12, \$1.50.

**\*MILDRED LOUISE.** Color a delightful warm salmon pink. Spike and flowers very large. Fine in all ways. (Note the lower price.) 3 for 24c; 12, 72c; 100 for \$5.00.

### ORANGE, BUFF AND YELLOW

**\*\*LA PALOMA.** A fine tall orange Prim-grandiflora. An exceptionally attractive spike of bloom. Very early and wonderful in bouquets. 3 for 24c; 12, 72c; 100 for \$5.00.

**MRS. S. A. ERREY.** A very large orange glad from Australia. Winner of many awards. Huge blooms. Splendid spike. 3 for 24c; 12, 72c; 100, \$5.00.

**\*PRIMROSE PRINCESS.** Stately wide-open Primrose yellow. Tall with long flower head of large blooms. Our most reliable yellow. 3 for 24c; 12, 72c; 100, \$5.00.

### RED

**AFLAME.** Prim-grand. A striking giant flame or Poinsettia red on wiry spike. A "must have" for your garden. 3 for 24c; 12, 72c; 100 for \$5.00.

**BILL SOWDEN.** Huge deep rich red. Gigantic flowers, spikes very good. Considered by many the best red. 3 for 24c; 12, 72c; 100 for \$5.00.

**DR. F. E. BENNETT.** Immense brilliant scarlet. Many blooms on strong spike. 3 for 17c; 12, 51c; 100 for \$3.50.

**XCELLENCE.** A tall flashing light red with large flowers. We believe this is one of the best reds to date for this climate. The earliest large red. 3 for 24c; 12, 72c; 100 for \$5.00.

**LUCIFER.** (Errey.) A new bright orange red with crimson blotch. Many large flowers of fine form on tall

## \$1<sup>00</sup> ARISTOCRAT \$1<sup>00</sup> GLADIOLUS OFFER

(Picture on inside back cover)

This is again a giant in flower values. The finest collection of top ranking glads ever offered at this low figure. A glorious assortment of colors and types such as **Picardy**, **Recovery**, **Wasaga**, **Bagdad**, **Polar Ice** and fifteen other prize-winning beauties to make your 1939 garden lovelier than ever. One large (No. 1) bulb of each of the twenty sorts marked with an (\*) on this page. All young, healthy, clean bulbs to add to your present stock. Separately bagged and labelled. We are proud to offer these twenty bulbs, a **\$1.58 value**, in this collection for **\$1.00**. Three offers for **\$2.75**.

spike. A wonderful glad for 12c each; 3 for 33c; \$1.10 per dozen.

**\*RED LORY.** Tall, graceful spikes, carrying many blooms of a delightful rose red. 3 for 24c; 12 for 72c; \$5.00 for 100.

**\*RECOVERY.** A tall bright red with slight salmon overlay. This wonderfully beautiful glad is very popular with glad fans. Good propagator. 20c each; 3 for 50c; 12 for \$1.50.

**\*WASAGA.** Glowing buff with many large wide-open ruffled blooms. Lovely clear color which attracts the eye anywhere. (Note lower price.) 3 for 24c; 12 for 72c; 100 for \$5.00.

### WHITE

**\*MAID OF ORLEANS.** Milky-white with darker throat. Size and placement fine. 3 for 24c; 12, 72c; \$5.00 per 100.

**\*POLAR ICE.** A new creamy-white beauty of good habits. Becoming very popular and a bargain at 12c each; 3 for 30c; 12, \$1.10.

### SMOKY

**\*BAGDAD.** Smoky old rose, darker edges, lighter throat. Smooth clear color. 6 to 8 very large blooms open. 3 for 24c; 12, 72c; \$5.00 per 100.

**\*\*MARMORA.** Gigantic smoky lavender, with rose throat. An exotic beauty with many blooms on tall spikes. A sure prize-winner. 3 for 24c; 12 for 72c; \$5.00 per 100.

### LAVENDER, BLUE and PURPLE

**\*MINUET.** Lovely light pinkish lavender. Many large blossoms. Ranks next to Picardy. 3 for 24c; 12, 72c; \$5.00 per 100.

**\*AVE MARIE.** Large light blue, purple blotch. Spike and placement very good. 3 for 24c; 12 for 72c; \$5.00 per 100.

**\*CHARLES DICKENS.** Aster purple. Tall spike with many large blooms. 3 for 24c; 12, 72c; \$5.00 per 100.

**\*VEILCHENBLAU.** One of the best and most desirable "standard" blues. Many lovely blooms. 3 for 24c; 12, 72c; \$5.00 per 100.

### "PIONEER" GLADIOLUS COLLECTION

This remarkable collection of Glads of assorted colors, types and blooming seasons is sure to please everyone. Made up of large clean young bulbs of the better sorts. 12 for 30c; 45 for \$1.00; 100 for \$2.00, and 1,000 for \$17.00, delivered.

### MADEIRA VINE BULBS

Large dry bulbs of this popular fast growing climber. Light green foliage. 12c each; 3 for 30c; \$1.00 per dozen.

# Pioneer Nursery of the Northwest

## BISMARCK NURSERY (ESTABLISHED 1882)

Oldest Nursery in North Dakota—Member American Association of Nurserymen

**NOTICE TO CUSTOMERS: READ CAREFULLY.** We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better. In event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customer's money or replace the stock as he may elect. We are not responsible for damage to goods in transit, therefore you must examine at the express or freight office, and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit, providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee safe delivery of mail orders but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

**REPLACEMENT.** If stock arrives in good condition and our planting instructions are followed, we are willing to replace once any stock lost, at half price.

**CURRENTS AND GOOSEBERRIES** are subject to certain restrictions in countries where 5-leaved pines grow, and we do not ship into such territory.

**TREES BY MAIL.** We can ship parcels up to 70 pounds. Where postage is not included, we will send stock C. O. D. to cover postage, you paying postage on receipt of trees.

**FALL PLANTING.** Peonies and other perennial flowers do exceptionally well when planted in Fall. Ask for special Fall Price List. Can also supply trees, shrubs, etc., at current catalog prices in Fall.

**PLANTING INSTRUCTIONS.** Complete planting instructions will be enclosed with each order of nursery stock when shipped.

**SHIPPING.** Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship. Prices are F. O. B. here, customers paying transportation unless postpaid prices are definitely quoted.

**CANADIAN ORDERS** must go by freight or express, and must be received by us before May 1st. Permit number must accompany order.

**VISITORS WELCOME.** We are always glad to conduct you personally through our nurseries. Call at office on Fourth street, or go south on Seventh street, which will bring you into the nurseries.

**CERTIFICATE OF EXAMINATION.** Our nurseries are inspected annually by the State Horticulturist and his certificate accompanies each shipment.

NORTH DAKOTA CUSTOMERS MUST PAY 2% SALES TAX ON NURSERY STOCK

### HARDY EVERGREENS

for the

#### NORTHWEST

The Most Drought Resistant of All Trees

##### BLACK HILLS SPRUCE.

Perhaps our most valuable evergreen for general planting in the Great Plains. The 30 ft. high shelter belt in the photo stands at the U. S. Great Plains Field Station at Mandan. Drought resistant, cold resistant, sturdy and outstandingly ornamental is this grand tree. Price: 12 to 18 in., \$1.00; 5 @ 80c each; 18 to 24 in., \$1.50; 5 for \$7.00; 3 to 4 ft., each, \$3.50.

##### BLACK HILLS SPRUCE SEEDLINGS.

Thrifty 4 to 6 in. size. Plant a hundred or so and produce your own stock at little expense. 100, \$5.00; postpaid, 100, \$5.25.

##### COLORADO BLUE SPRUCE (*Picea pungens*) — SELECTED.

Our most handsome ornamental evergreen—and perfectly hardy in the Northwest. Price: 12 to 18 in. tall, each, \$1.50; 18 to 24 in., each, \$3.50; 3 to 4 ft., \$10.00.

##### SMALL COLORADO SPRUCE TRANSPLANTS.

We have a wonderfully fine lot of these 6 to 12 in. transplants grown in North Dakota. Price: 10, \$1.50; 25, \$3.00; 50, \$5.50; 100, \$10.00.

##### N. D. BULL PINE (*Pinus scopulorum*).

The most drought and wind resistant pine we have. Our stock is from the Little Missouri Bad Lands. A handsome shade tree. Price: 18 to 24 in., each, \$1.40; 3 to 4 ft., \$2.75.

##### SCOTCH PINE (*Pinus sylvestris*).

Ours are grown from hardy Finnish seed. A fast growing and very handsome pine, very cold resistant. Price: 18 to 24 in., each, \$1.25.

##### N. D. BAD LANDS CEDAR (*Juniperus scopulorum*).

Our native type of the beautiful Rocky Mt. Juniper, with a large proportion of silver specimens. The hardest evergreen under most severe conditions and very ornamental, too. Price: 12 to 18 in., each, \$1.00; 18 to 24 in., each, \$2.00; 2 to 3 ft., \$3.00.



Black Hills Spruce at Our Nursery



Colorado Blue Spruce

All evergreens are balled and burlapped except very small ones.



Black Hills Spruce, 20 Yrs. Old



N. D. Bull Pine



Trailing Juniper

**BAD LANDS TRAILING JUNIPER** (*Juniperus horizontalis*). Its habit can be judged from the picture of a young plant just set out last spring. Color, a lovely bluish silver in summer, bronze in winter. A beautiful ground cover. Very hardy. Plants from rooted cuttings. Price, 6 to 12-in. spread, each, 60c; 5 for \$2.75.

**NATIVE JUNIPER BUSH** (*Juniperus communis* or *sibirica*). A real evergreen shrub native to North Dakota. May be trimmed and used in foundation and entrance plantings to good effect. Price: 6 to 12-in. spread, each, \$1.25.

**PFITZER'S JUNIPER**. A low growing plant with foliage like *scopulorum* cedar, very popular for foundation planting. Price: 12 to 18-in. spread, \$3.00.

## Trees for Yard and Farmstead

Any Permanent Home in This Region Requires Shade and Ornamental Planting or Shelter Belt—Now Is the Time to Plant Them.

### Fast Growing—Drouth Resistant—Chinese or Siberian Elm

As a wood lot, shelter belt or grove tree and as a formal or natural hedge this tree has a very definite place in Northwestern planting. Drought resistant and rapid growing beyond almost any other sort. Price: seedlings, 12 to 18 in., 100, \$1.00; 500, \$4.00; 18 to 24 in., 100, \$1.50; 500, \$7.00; 3 to 4 ft., each, 12c; 10, \$1.00; 4 to 6 ft., each, 60c; 10, \$5.00; 6 to 8 ft., each, 70c; 10, \$6.00.



Chinese Elm Windbreak



Chinese Elm as a Hedge

### SPECIAL WOODLOT and SHELTER BELT BARGAIN \$5.00

Trees enough to plant one acre of ground.

300 Cottonwood, 10 to 20 in.  
300 Chinese Elm, 12 to 18 in.  
300 Green Ash, 6 to 12 in.

Total Value, \$6.60. Special Price.....\$5.00

**NORTH DAKOTA COTTONWOOD** (*Populus deltoides*). The native cottonwood in spite of criticism and disparagement has definitely demonstrated in the past period of extremely severe conditions that it is outstandingly the best shelter belt, windbreak and fuel producing tree for the Northwest.

We have been headquarters for cottonwoods for fifty years. Prices:

	6-10 in. seedlings	10-20 in. seedlings	20-30 in. seedlings
100.....	\$0.40	\$0.60	\$0.90
500.....	1.90	2.25	3.20
1000.....	3.25	4.00	6.00
	3 to 4 ft.	4 to 6 ft.	6 to 8 ft.
Each.....	\$0.10	\$0.16	\$0.25
10.....	.75	1.25	2.00

### BOXELDER or MANITOBA MAPLE.

Short seed crops for several years make it impossible to offer any seedlings this season. A grand shade tree in the black soil and loam regions. 4 to 6 ft., each, 20c; 10, \$1.75; 6 to 8 ft., each, 35c; 10, \$3.00.

**GREEN ASH.** Our native ash, drouth, heat and alkali resistant. A fine timber tree. Ash fence posts rank at the top. Grows 1 to 3 ft. per year. Seedlings 6-12 in., 100, 60c; 500, \$2.75; 1000, \$5.00. 3 to 4 ft., each, 20c; 10, \$1.75. 4 to 6 ft., each, 25c; 10, \$2.00. 6 to 8 ft., each, 40c; 10, \$3.50.



Shelter Belt at Farm of C. O. Olson, Meckinock



Cottonwoods—15 Years Old



Green Ash



American Elm

**AMERICAN ELM (*Ulmus Americana*).** Our native white elm. Probably the most graceful and beautiful of our native trees. Excellent for farm planting in good soil as well as for lawn and boulevard. Seedlings, 6 to 10 in., 100, 60c; 1000, \$5.00; 12 to 18 in., 100, 90c; 1000, \$8.00; 4 to 6 ft., each, 80c; 10, \$2.50; 6 to 8 ft., each, 60c; 10, \$5.50.

**WILLOW, DIAMOND.** Produces highest quality fence posts and fire wood very quickly. A hardy native, stands drier conditions than most willows. Price, seedlings, 100, 75c; 1000, \$4.50; cuttings per 1000, \$3.00.

**WILLOW, LAUREL LEAVED.** One of the hardy Russian Willows, fast growing, beautiful and the wood is of fair quality. Do not use except in fairly moist sections. Price, 18 to 24 in., doz., 60c; 100, \$3.50.



Diamond Willow Fence Post

**WILLOW, GOLDEN.** A hardy strain of this handsome windbreak and shelter-belt tree. Rapid grower, good quality wood. Price, 18 to 24 in., doz., 60c; 100, \$3.20.

**WHITE ENGLISH WILLOW.** Very hardy. A beautiful tree and does well in good, moist soil. 18 to 24 in., doz., 70c; 100, \$4.00.

**BRITZENSIS WILLOW.** Valuable as a large tree, a screen or in the shrubbery planting. Very useful as an ornamental due to the pleasing bright red color of the bark. Hardy but should have good soil. Each, 18 to 24 in., 15c; doz., \$1.50.

**CUT LEAF BIRCH.** Perhaps our most beautiful lawn tree. Hard to establish but really hardy when once started. Needs plenty of water. Price, each, 5 to 6 ft., \$1.75.

**MOUNTAIN ASH (*Sorbus Aucuparia*).** Beautiful in spring with its clusters of white blossoms and in fall with its heavy bunches of red berries. Hardy with a fair moisture supply. Price, 5 to 6 ft., each, \$1.00; 5 for \$4.50.

**HACKBERRY (*Celtis occidentalis*).** One of the hardiest and handsomest of our native trees. Free from insect pests, well-shaped, it makes an ideal street tree. Price, 3 to 4 ft., each, 40c; 5 for \$1.75.

**AMERICAN LINDEN or BASSWOOD.** A beautiful tree native in parts of North Dakota. Valued also for its high honey yield in early spring. Price, 5 to 6 ft., each, \$1.00.

**POPLAR, SILVER-LEAVED.** Smooth light bark, leaves dark green on top, silvery white beneath. Hardy and a rapid grower. Price, 3 to 4 ft., each, 50c; 5 for \$2.25.

**POPLAR, BOLLEANA.** One of the most beautiful of poplars, tall and upright like a Lombardy in habit. Very hardy, silvery bark and silver lined, maple shaped leaves. Price, 3 to 4 ft., each, 60c; 5 for \$2.75.

**COTTONLESS COTTONWOOD.** We have again managed to start a supply of these selected cottonwoods which shed no cotton. 18 to 24 in., each, 22c; 5, \$1.00.

**HOPA CRAB—RED FLOWERING.** One of the most beautiful of Dr. N. E. Hansen's productions. In spring the tree is a mass of dark red flowers, in fall covered with very dark red fruits. Reaches the height of a small tree. Price, 3 to 4 ft., each, 75c; 5 for \$3.50.

**MAPLE, GINNALA.** A variety of Tartarian maple; notable for the brilliance of its autumn foliage and the decorative effect of its bright red seed clusters in summer. Becomes a small tree. Price, each, 2 to 3 ft., 70c.



Burr Oak

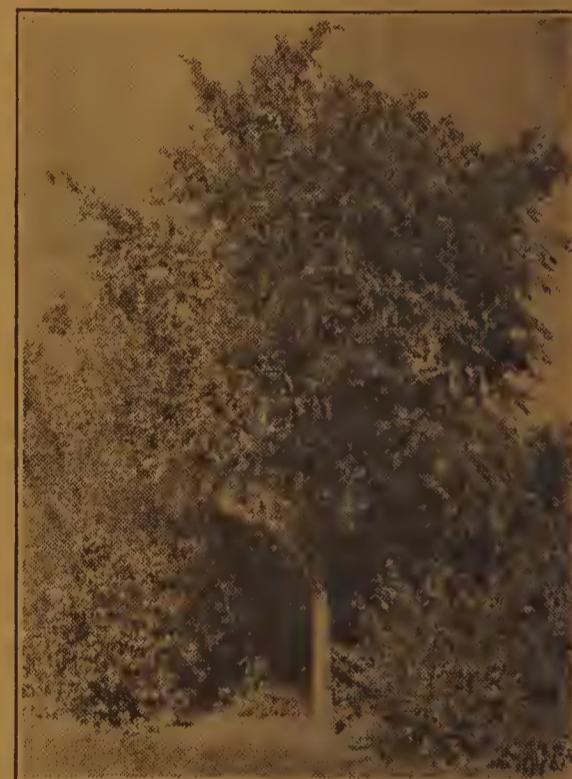
**HORSE CHESTNUT (Ohio Buckeye).** Hardy stock of this small early buckeye. With its handsome foliage and perfect shape makes an ideal lawn tree. Price, 3 to 4 ft., each, \$1.00.

**BURR OAK (*Quercus macrocarpa*).** Native over most of the state and a lasting and handsome tree. Price: Seedlings only, each, 2 to 3 ft., \$1.00.

**BLACK WALNUT (*Juglans nigra*).** One of the few nut trees that we can grow in North Dakota and then only from hardiest stock. Price, 3 to 4 ft., balled and burlapped, \$1.00.

**MANCHURIAN WALNUT.** The Manchurian equivalent of our own Black Walnut. Grows faster than the latter. Our stock comes to us from Manitoba where it is entirely hardy. Each, 18 to 24 in., \$1.00.

**HAZELNUT.** The only plant bearing edible nuts native to North Dakota. Found over most of the state and perfectly hardy. Ours are from both species, the rostrata and americana. These can not be distinguished except from the fruit. 4 to 6 ft. tall, forming a dense bush, the nuts hang on in clusters, are relatives of the filbert, edible and pleasant to eat. Foliage takes on a lovely yellow in fall. Price, 2 to 3 ft., each, 25c; 10, \$2.25; postpaid, each, 30c; 10, \$2.50.



Hackberry



Hazelnut

# Flowering and Ornamental Shrubs

Besides the shrubs listed we include a section of hedge plants which are equally valuable for shrubbery plantings, and we would refer you also to such of the native fruits as sand cherry, native gooseberry, chokeberry and wild plum which work well in ornamental plantings.

Prices given are F. O. B. here, customer pays transportation by express. Shrubs may be sent by mail for ten cents each added to prices. The lighter plants are used and are cut back before mailing.

**TAMARIX.** (Dr. Yeager's hardy Amur.) 6 to 8 ft. max. height, same breadth. Does not sap moisture from nearby plants. A feathery shrub with evergreen like foliage bearing a dense mass of pink bloom in mid summer. Price, each, 45c; 5 for \$2.00.

**GOLDEN or BUFFALO Currant.** This lovely native with its bright yellow, fragrant flowers blooms in May. A native of our N. D. Bad Lands, very hardy. Maximum height 4 to 6 ft., fine fall colors. Price, 2 to 3 ft., each, 35c; 10, \$3.00. Red flowered, each, 50c.

**TARTARIAN HONEYSUCKLE.** May flowering, very hardy and striking. Shrub 5 to 8 ft. high, good as a hedge also. Comes in mixed, red and pink. 18 to 24 in., mixed, 25c each; 10, \$2.25; 50, \$10.00. Red and pink, each, 30c; 10, \$2.75.

## SPIREA

**Van Houtte or Bridal Wreath.** This established favorite with its masses of white flowers in May needs no long description. 2 to 3 ft., each, 28c; 10, \$2.50; 18 to 24 in., 22c; 10, \$2.00.

**Froebelli.** The best of the dwarf, late blooming spirea. Dark rose flower clusters in July and early August. Maximum height below 2 ft. Price, 18 to 24 in., each, 30c; 10, \$2.75.

**Opulifolia (Ninebark or Hardhack).** One of the hardiest of the spirea family. Maximum height 4 to 5 ft. Clusters of white flowers in June followed by showy red seed pods. Price, 18 to 24 in., each, 30c; 10, \$2.75.

**Dwarf Ninebark.** A dwarf form of the same plant as above. Maximum ht. 2 to 3 ft. A fine hedge and border plant. Perfectly hardy. Price, 18 to 24 in., each, 30c; 10, \$2.75.

**Golden Ninebark.** Another ninebark, size the same as the common ninebark, but with variegated gold and green foliage. Price, 2 to 3 ft., each, 40c; 10, \$3.75.

**Billardi Pink.** This is an August blooming species, 18 to 36 in. maximum height, flowers in long spikes of rosy pink. Price, 18 to 24 in., each, 25c; 10, \$2.25.

**Arguta.** The earliest spirea, blooms before Van Houtte in the same graceful fashion. Very hardy, size at most 4 to 5 ft. Price, 12 to 18 in., each, 30c; 10, \$2.75.

**Sorbaria.** Foliage resembles Mt. Ash. Long feathery spikes of white bloom in July. Maximum height 4 to 6 ft. Blooms on new wood. Price, 18 to 24 in., each, 45c; 10, \$4.00.

**KOREAN or TRICHOCARPA.** Blooms with Van Houtte or a trifle later, has larger flowers, is hardier and very graceful. Another Canadian importation. Each, 18 to 24 in., 35c; 5, \$1.50.

**BANKS OF SNOW or PEKOVIENSIS.** Very hardy and drouth resistant. Masses of creamy white flowers in May. Ht. 4 ft. Comes to us from Saskatchewan. 18 to 24 in., each, 40c; 5 for \$1.75.

**PRUNUS TRILOBA (Double flowering plum).** Perhaps the loveliest of May blooming shrubs. Double pink blossoms an inch across come before the leaves. Price, 3 to 4 ft., each, 60c.

**JUNEBERRY—SUCCESS.** A named variety with finer fruit than the common, a bush type. Also known as Saskatoon. Price, 12 to 18 in., each, 35c; 10, \$3.00.

**SILVERBERRY.** Valuable for contrast because of its silvery color. Height 3 to 5 ft. Small very fragrant yellow blossoms in June. A native. Price, 2 to 3 ft., each, 35c; 10, \$3.25.

**BUFFALO or BULLBERRY (Shepherdia argentea).** A lovely silvery shrub bearing masses of brilliant red berries in late summer and fall. A handsome ornamental up to 12 ft. tall, a compact, handsome hedge plant. 12 to 18 in., each, 30c; 10, \$2.50; 18 to 24 in., each, 40c; 10, \$3.50.

**YELLOW BUFFALO BERRY.** Each, 12 to 18 in., 40c; 5 for \$1.75.

**RED DOGWOOD.** As a shrub or hedge the white flowers, bright red bark, white berries and fall leaf colors are all beautiful. Grows 4 to 5 ft. high. Price, 2 to 3 ft., each, 30c; 10, \$2.75.

**DAPHNE CNEORUM.** A lovely little bush, about 1 ft. high, covered with showy pink flowers for much of the summer. Balled and burlapped. Price, each, \$1.00.

**DWARF SIBERIAN FLOWERING ALMOND.** Hardy, bears lovely pink blossoms profusely in May—height 18 to 36 inches. One of our best dwarf shrubs for severe conditions. Fall colors brilliant. Price, 12 to 18 in., each, 40c; 10, \$3.75.

**PURPLE LEAVED SANDCHERRY—CISTENA.** Grows 3 to 4 ft. high, spreading about the same. Foliage of a rich dark red which makes a valuable contrast in shrub plantings. Each, 35c; 5 for \$1.50.

Golden Currant



Korean Spirea



Buffalo Berry



Tamarix



Tartarian Honeysuckle



Van Houtte



Prunus Triloba



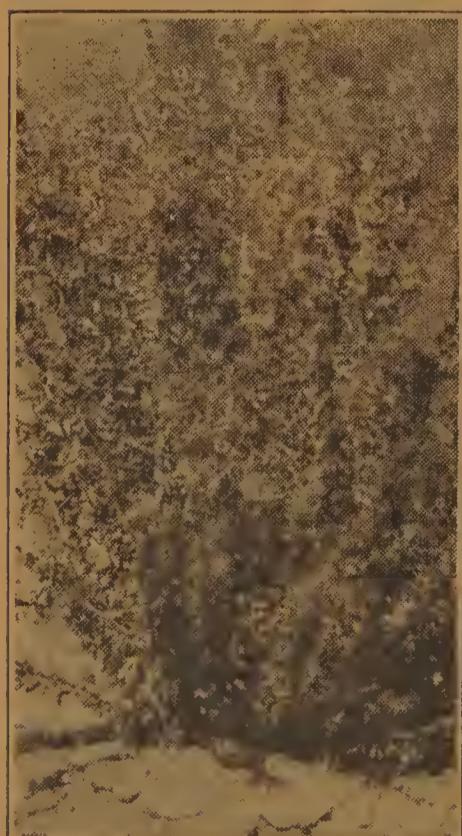
Elder Bushes

**SMOOTH SUMAC.** A hardy native. Notable for its very handsome foliage, its dark red fruit clusters which persist and its brilliant fall colors. Maximum height 5 ft. Price, 18 to 24 in., each, 40c; 10, \$3.75.



Smooth Sumac

**PRINSEPIA SINENSIS.** Another new shrub for the Great Plains. Very hardy, shiny, bright green leaves, bright yellow flowers in May, bright red berries later. 18 to 24 in., each, 90c.



Caragana Pygmaea

**RED BERRY ELDER.** Blooms in June with great umbels of delicate white flowers, followed later in the summer by clusters of red berries. Very hardy. Each, 18 to 24 in., 45c; 5 for \$2.00.

**COTONEASTER, INTEGERRIMA.**

A shrub reaching 4 ft. high, smooth glossy green leaves, pink flowers in May or June. Bright red berries in August and later. A handsome shrub, and hedge plant. Price, 18 to 24 in., each, 50c.

**SNOWBALL (Viburnum opulus sterilis).** The snowball with its gorgeous display of big, white flower clusters in May or early June is an old favorite. Price, 18 to 24 in., each, 50c; 10, \$4.75.

**HIGH BUSH CRANBERRY (Viburnum americana).** Native of North Dakota. Maximum height 5 to 6 ft. First cousin to the snowball. Flat clusters of white flowers. In the fall covered with bright red berries and brilliant foliage. Price, 18 to 24 in., each, 45c; 10 for \$4.00.

**SHEEP BERRY (Viburnum lentago).** Flat clusters of small white flowers followed by black berries. Lovely shining leaves of dark green which become a rich red in the fall. Maximum height 8 to 12 ft. Price, 18 to 24 in., each, 45c; 10, \$4.00.

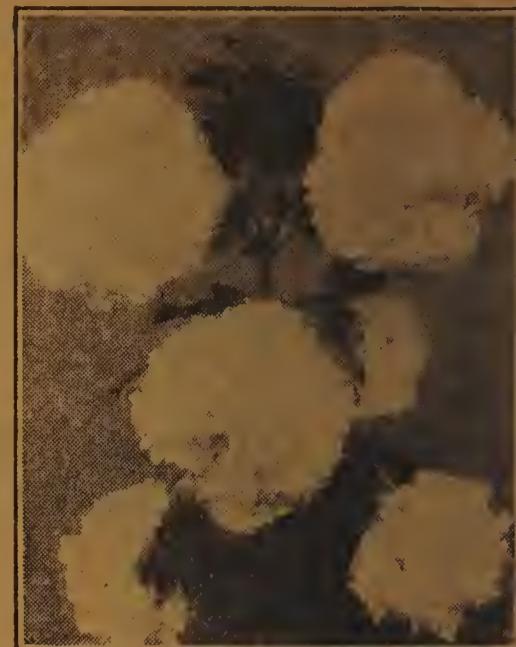
**AROMATIC SUMAC (Rhus trilobata).** Native of western North Dakota this dark green shrub with bright red berries in fall and pleasant scented leaves grows from 3 to 5 ft. tall and just as broad. Very hardy. Each, 18 to 24 in., 40c.

**HAWTHORN (Crataegus).** A mass of white bloom in May and of bright red berries in August and September. Glossy leaves taking good fall colors. Max. height 8 to 10 ft. Its long thorns make it ideal for a hedge. Price, 18-24 in., each, 40c; 10, \$3.75.

**ALPINE CURRANT.** Most useful as an ornamental in very shady locations. Dark green leaves, red berries. A good low hedge. 12 to 18 in., each, 35c; 10, \$3.00.

**JAPANESE BARBERRY.** Much used as hedge and ornamental. Does not spread rust. Glossy leaves, bright red berries. Maximum height 24 to 36 in. 12 to 18 in., each, 35c; 5, \$1.50.

**ATROPHAXIS BUXIFOLIA (Buckwheat Bush).** A very hardy Asiatic plant, dwarf (about 2 ft.), broad, with buckwheat like blossoms of pink and white in late August and September. Gray green leaves. Hardy and handsome. 18 to 24 in., each, 50c; 5 for \$2.25.



Snowball



Hawthorn

**POTENTILLA.** We have two kinds, the fruticosa and veitchii. Both grow about 1 to 2 ft. high and have large yellow, rose shaped blooms. Very useful as a low shrub blooming in July and August. Price, 18 to 24 in., each, 35c; 10, \$3.25.

**CARAGANA PYGMEA.** The very dwarf type with large yellow flowers in June. Seldom grows over 2 ft. high. Neat and regular habit. Our nearest shrub to the brooms and heaths. Price, each, 12 to 18 in., 50c; 10, \$4.75.

**CARAGANA FRUTEX.** Grows 4 to 5 ft. tall. Flowers bright yellow, larger than Siberian Pea, and with larger leaves. Blooms a week or two later. Price, 18 to 24 in., each 40c; 10, \$3.75.

**CARAGANA SPINOSA.** 4 ft. high, large yellow flowers, blooming late, graceful and very hardy. 12 to 18 in., each, 75c.

**RHAMNUS DAHURICA (Large buckthorn).** From Asia, pale green, large leaves, a taller shrub than ordinary buckthorn, fruit larger also. Hardy and useful where a large shrub is needed. 12 to 18 in., each, 30c; 5 for \$1.25.



Potentilla

April 25, 1938.  
I want to thank you for the splendid shrubs and rose which I received in perfect condition, and I must say they were the nicest plants I have ever received from any nursery yet and they are doing just fine. Thank you.  
Mrs. H. Berland, Brady, Mont.



Persian Lilac

**PURPLE LILAC.** The old favorite, one of the hardiest. Each, 18 to 24 in., 40c; 5 for \$1.75.

**VILLOSA LILAC.** A rugged variety globular in shape, 6 to 7 ft. high with handsome foliage. A late bloomer, pale lavender pink flowers late in June. Price, 12 to 18 in., each, 40c; 5, \$1.75.

**JOSIKEA LILAC** (Hungarian lilac). Very much like the Villosa in size, appearance and habit of bloom, but the flowers are of a darker violet color. Price, 12 to 18 in., each, 40c; 5, \$1.75.

**PERSIAN LILAC.** Gradually replacing the older type because of its earlier blooming habit and the fact that it spreads very little. Blooms a week or two later than the common. Color more purplish than the common. Price, 18 to 24 in., each, 40c; 10, \$3.75.

#### Hybrid Lilac

**LUDWIG SPAETH.** Blooms early as do all the French hybrids. Does not spread in common with all of this class, and bears profusely semi-double,

wine colored flowers in great cluster. Price, 18 to 24 in., each 65c; 10, \$6.00.

**CHARLES X.** Color between lilac and violet, clusters of tremendous size. One of the favorites. Price, 18 to 24 in., each, 65c; 10, \$6.00.

**HIAWATHA.** A new type hybrid from the famous plant breeder, A. B. Skinner of Manitoba. Late blooming. Foliage very large, flower clusters very heavy and of a deep rose color. Price, 18 to 24 in., each, \$1.25.

**POCAHONTAS.** Another A. B. Skinner hybrid. A large blossom of very dark purple and fine shape. We feel that we have especially fine items in these two Manitoba originations. Blooms late. Price, 18 to 24 in., each, \$1.25.

**MADAME LEMOINE.** A pure white double French hybrid. Price, 18 to 24 in., each, 65c; 10, \$6.00.



Purple Lilac

## SHRUBS FOR HANDSOME HEDGES

Besides these listed turn to page 59 for Chinese or Siberian elm. Also useful are buffalo berry, honeysuckle, Britzensis and other willows.



Cotoneaster Hedge



Russian Olive Hedge

#### RUSSIAN OLIVE (*Eleagnus angustifolia*).

A thick growing, beautiful silvery hedge plant which withstands cold, drouth and alkali. Valuable as well in shelter belts and windbreaks. 6 to 12 in., 10, 60c; 100, \$5.00; 12 to 18 in., 10, 75c; 100, \$6.00; 2 to 3 ft., each, 15c; 10, \$1.25.

Honeysuckle Hedge  
(page 61)

#### SIBERIAN PEA (*Caragana arborescens*).

Makes a beautiful hedge, either trimmed or untrimmed, a perfect snow trap in the shelter belt. Highly drouth and cold resistant. In June covered with yellow flowers. Price, 12 to 18 in., 10, 60c; 100, \$5.00; 500, \$20.00; 3 to 4 ft. transplants, each, 25c; 10, \$2.00.

**COTONEASTER (*Acutifolia*).** Experts now recognize it as probably superior even to privet for a low hedge. Perfectly hardy, handsome, clean and trims very well. Price, 12 to 18 in., each, 25c; 10, \$2.00; 50, \$9.00.

**BUCKTHORN.** A slow growing, very hardy and handsome hedge. Requires moisture and good soil. Price, 12 to 18 in., each, 18c; 10, \$1.30; 50, \$5.00; 18 to 24 in., each, 25c; 10, \$2.25.



Caragana Hedge

# HARDY ROSES

Gradually a respectable list of hardy roses suitable to the Northern Great Plains is being built up, thanks to some enthusiasts such as Mr. Skinner of Dropmore, Manitoba, and Mr. Leslie of the Morden Station.

The only really hardy bloomers of the Hybrid Perpetual or repeating type are the Rugosa Hybrids which give us roses until well into autumn. Even they may kill back some or require some protection under extreme conditions.

The best white rugosa hybrid is unquestionably Sir Thomas Lipton, 2 to 3 ft. tall, strong and vigorous.

Grootendorst, the Carnation Rose, is a continuous bloomer and represents a new type, a cross between rugosa and baby rambler. Red or pink flowers are borne in clusters and resemble carnations in appearance.

Belle Poitevine is a sturdy, strong growing pink rugosa hybrid perpetual, bearing large bright pink, very double flowers.

Sarah Van Fleet produces large, very double flowers of an unusual pale pink shade. A strong bush with handsome foliage, 2 to 3 ft. tall.



Hansa

June blooming roses are the hardiest of all and require no protection at all so far as the hardy varieties which we list are concerned.

**HARRISON'S YELLOW** is perhaps the best known and most common June bloomer, 5 to 6 ft. tall, it is a perfect mass of bright yellow, double roses, 1 to 2 inches across, for several weeks in mid-June.



Sir Thos. Lipton

**DAKOTA PRAIRIE ROSE** (*rosa pratincola*) is North Dakota's state flower. A bush 1 to 2 ft. high bearing in profusion large single roses in color from very pale to rose pink. Bright with large scarlet roseberries later in the season.



Prairie Rose



Agnes

**BANSHEE** is a very hardy light pink rose from eastern Canada. Blooms are large, very double and borne in profusion during much of June. Bush 2 to 3 ft. tall.

**RUBRIFOLIA ROSE** is useful mainly for the reddish tinge to its stems and foliage throughout the season. Useful for contrast in shrub plantations.

**BETTY BLAND**, a production of Mr. A. B. Skinner, is outstanding among hardy roses. It bears masses of perfect bright pink roses of good size in June, and is most ornamental with its glossy leaves and bright purple bark throughout the rest of the year. Grows 4 to 6 ft. tall.



Banshee

**CRIMSON RAMBLER**, though the hardiest climber requires some winter protection. It will grow 7 ft. in a season and bear innumerable small bright red roses.

**CRIMSON BABY RAMBLER**, the dwarf or polyantha type. Needs winter protection. A bush 8 to 12 in. high bearing all season clusters of small, bright red roses.



Amelie Gravereaux

## ROSE PRICES

**CRIMSON RAMBLER, BABY RAMBLER, BELLE POITEVINE, HANSA, AMELIE GRAVEREAUX, SIR THOMAS LIPTON, NEW CENTURY, SARAH VAN FLEET AND GROOTENDORST.** Each, 50c; 5 for \$2.25.

**PRAIRIE ROSE.** Each, 35c; 10 for \$3.00.

**HARRISON'S YELLOW, BANSHEE AND AGNES.** Each, 65c; 5 for \$3.00.

**RUBRIFOLIA ROSE.** Each, 45c; 5 for \$2.00.

**BETTY BLAND.** Each, \$1.00.

## ORNAMENTAL VINES

**WOODBINE or VIRGINIA CREEPER.** The most popular porch vine in our list. Sometimes called 5-leaved ivy. Price, each, 30c; 10, \$2.75. Postpaid, each, 35c.

**ENGLEMANN'S CREEPER.** Resembles the woodbine, but has the added advantage of clinging tightly to brick, stone, concrete or stucco walls with no wires or other support. Price, each, 35c; 10, \$3.00. Postpaid, each, 40c.

**HOP VINE.** A handsome vine which grows 10 to 14 ft. in a season. The root lives over but the top dies back. Makes a heavy growth and does well in shade. Price, each, 20c; 10, \$1.75. Postpaid, each, 25c.

**CHINESE MATRIMONY VINE.** This is more of a trailing shrub than a climber. Useful on slopes, terraces and walls. Lavender flowers followed by bright red berries. Rapid grower. Price, each, 20c; 10, \$1.75. Postpaid, each, 25c.

**CLEMATIS. WHITE or VIRGIN'S BOWER.** Starry, white flowers in July, feathery plumes in late summer and fall. Handsome, showy and very fast grower. Price, each, 30c; 10, \$2.75. Postpaid, each, 35c.

**CLEMATIS, JACKMANII—LARGE FLOWERED PURPLE.** One of the most beautiful plants that can be grown in the north. Needs some protection but is worth it. Price, each, \$1.00; 5 for \$4.00.

**CLEMATIS—LARGE FLOWERED YELLOW.** A very hardy large flowered type of great beauty. Price, each, 35c; 10, \$3.00. Postpaid, each, 40c.

**BITTERSWEET.** A native of great hardiness, noteworthy for the beautiful shape and color of the berries in fall. Handsome foliage. Price, each, 35c; 10, \$3.00. Postpaid, each, 40c.

**MENISPERMUM.** First listed last year after seeing the great value of it in Manitoba plantings. Leaves like Boston Ivy. Grows fast and endures shade. Kills back part way, but comes out stronger each year. Price, each, 40c; 10, \$3.75. Postpaid, each, 45c.



Englemann's Creeper



Woodbine or Virginia Creeper



Native Hop Vine

## CHOICE PEONY ROOTS

**FINE MIXED PEONY Roots**—A mixture of good named varieties. Postpaid: Each, 20c; 10, 1.75.

1938 Pioneer Peony Collection. A Most Unusual Value. Two Each — **FELIX CROUSSE**, fine red and **COURONNE d'OR**, a high class white. Special Price, \$1.00, Postpaid.

We are offering a select list of peonies of the highest rank. We supply thrifty 3 to 5 eye roots. Colors are Red, White and Pink and we supply varieties which bloom early, mid-season and late. This should give 3 to 4 weeks of bloom.

**WHITE PEONIES.** In the whites we have the grand old favorite **FESTIVA MAXIMA**, early blooming with huge flowers. Then there is **Madame de Verneville**, an early very prolific rose type. **Madame LeMoine** is a mid-season white delicately overlaid with pink. **Avalanche** is also mid-season, prolific and very double. **Couronne d'Or** is a prolific late peony, creamy white with a crown of golden stamens in the center. **Solange** is also one of the latest, the most double and most beautiful of all whites with its mauve and smoky evanescent shading.

**RED PEONIES.** The reds are mostly mid-season or later. **Mons. Martin Cahuzac** is one of the earliest and with its almost black color and golden stamens is the most striking. Next in earliness comes **Karl Rosenfield**, a rich velvety crimson, large flowers borne in quantities. **Longfellow** is also a rich crimson, mid-season, with a circle of golden stamens in addition. **Felix Crousse**, a late mid-season sort, is a glowing bright ruby color, very sturdy and altogether satisfactory. The most perfect of all reds, **Philippe Rivoire** is also the latest to bloom, and hence gives double satisfaction.

**PINK PEONIES.** Earliest of our pinks is **PRESIDENT TAFT**, a shell pink of unusual size and very double. Just about as early is **Mons. Jules Elie**, the finest of all rose pink peonies with the largest flowers of all peonies. **Claire Dubois** is a late peony, a fine rose in color and of unusual size and quality. **Tourangelle** is late, of a very delicate pale pink, very large and of the finest texture.

### PEONY PRICES

**FESTIVA MAXIMA.** Each, 40c; 5, \$1.75. Postpaid, each, 45c; 5, \$2.00.

**MDE. LEMOINE.** Each, 45c; 5, \$2.00. Postpaid, each, 50c; 5, \$2.25.

**AVALANCHE.** Each, 40c; 5, \$1.75. Postpaid, each, 45c; 5, \$2.00.

**MDE. de VERNEVILLE** Each, 35c; 5, \$1.50. Postpaid, each, 40c; 5, \$1.75.

**COURONNE d'OR.** Each, 30c; 5, \$1.25. Postpaid, each, 35c; 5, \$1.50.

**SOLANGE.** Each, 75c; Postpaid, each, 80c.

**KARL ROSENFIELD.** Each, 45c; 5, \$2.00. Postpaid, each, 50c; 5, \$2.25.

**FELIX CROUSSE.** Each, 30c; 5, \$1.25. Postpaid, each, 35c; 5, \$1.50.

**MARY BRAND.** Each, 90c. Postpaid, each, 95c.

**LONGFELLOW.** Each, 70c; 5, \$3.25. Postpaid, each, 75c; 5, \$3.50.

**MONS. CAHUZAC** Each, 95c. Postpaid, each, \$1.00.

**JULES ELIE.** Each, 60c; 5, \$2.75. Postpaid, each, 65c; 5, \$3.00.

**CLAIRE DUBOIS.** Each, 70c; 5, \$3.25. Postpaid, each, 75c; 5, \$3.50.

**TOURANGELLE.** Each, 95c. Postpaid, each, \$1.00.

**PRES TAFT.** Each, 70c; 5, \$3.25. Postpaid, each, 75c; 5, \$3.50.



Couronne d'Or



Felix Crousse



Karl Rosenfield

# IRIS VARIETIES FOR THE NORTHWEST

## PIONEER IRIS COLLECTION

One of Each of These Ten Varieties Listed—for \$1.00 Postpaid

FRO	TROSTRINGER
KING JUBA	SENSATION
KING KARL	DUSKY MAID
AUTUMN KING	SUNGOD
SNOW WHITE	DOLLY MADISON

## FINEST MIXED IRIS

Offered. Do not miss this bargain. Postpaid, each, 8c; doz., 80c.

## 75¢ GREAT PLAINS IRIS COLLECTION

Selected varieties originated in and adapted to the Great Plains Region.

One each of the following:

RAMESES	PRAIRIE GOLD
KING KARL	MIDGARD
KING JUBA	TROSTRINGER

## ALL NAMED VARIETIES

The best mixture we have ever

## POSTPAID IRIS PRICES

Price 15c each; \$1.50 per dozen except when quoted otherwise.

## DWARF EARLY IRIS

**SAMBO PUMILA.** The earliest of all iris; a dwarf variety of uncommon beauty which blooms very early in the spring. Color a rich purple. Especially suited for edging and borders.

**ARENARIA.** A very early yellow variety; groups well with the Sambo. Postpaid, each, 12c; doz., \$1.00.

**DARK BLUE PUMILA.** This is a trifle later and a few inches taller than the Sambo with a somewhat darker and larger blossom, fully as hardy and excellent in every way.

**WHITE PUMILA.** This is another of the extra hardy dwarf type, same size as the dark blue, of a handsome silvery color, and a prolific bloomer. We have grown it and satisfied ourselves of its value before placing it on sale.

**AZUREA.** This rounds out our list of the valuable early dwarfs with one of a sky blue color.

One of each of these Dwarf Iris—50c, postpaid.

**EUROPEAN YELLOW FLAG.** (*Iris pseudacorus*.) This is an exceptionally hardy iris, valuable more for its size and vigor than for the flowers, which are a pale yellow. The plant attains a height of 3 to 5 feet in a very short time and soon forms a heavy clump. Very useful therefore in beds and landscape planting. Needs plenty of moisture to look its best. Each, 20c; doz., \$2.00, postpaid.

## BEARDED IRIS

We have changed and shifted our list of Bearded Iris till we feel that we have a good representation of extra fine varieties, and all suited to our region.

**KING JUBA.** Yellow standard, red falls. Very large stalk, and bloom to 40 inches tall.

**FRO.** Standards yellow, falls rich velvety purple, narrow yellow border. Low.

**AUTUMN KING,** which with us only occasionally blooms in the Fall, although we understand that in some localities it regularly blooms twice. It is a fine purple in color.

**DUSKY MAID.** Standards pale buff, falls broad, deep mauve purple with pale margin. **KING KARL** is a novel variety with mottling and speckling of the surface of the petals, the general color being a sort of apricot with darker shading.

**KING TUT.** One of the most brilliant of the new reds. Each, 20c; doz., \$2.00, postpaid.

**TROSTRINGER** is a very beautiful pink toned variety in two shades.

**DOLLY MADISON** shows the smoky mauve, shades like the Quaker Lady, but is a larger and more striking flower.

**RAMESES** is one of the most striking of the recently introduced Irises, is heavy, large and sturdy, color is a mixture of golden buff and pink with perhaps a shading toward the lavender.

**MIDGARD.** A lovely blend of pink and yellow. Strong, free bloomer.

**LORD OF JUNE.** 40 inches. Fragrant. The flowers are gigantic in size, measuring seven inches in length and it has a delightful cinnamon fragrance. Such an iris really makes the old type iris look like pygmies. The standards of Lord of June are of soft lavender blue and the falls rich violet blue.

**MORNING SPLENDOR.** This is one of the best large reds so far produced.

**SUN GOD.** Deep yellow, heavy bloomer; hardy and adapted.

**PRAIRIE GOLD.** A Great Plains type—hardy and beautiful; very large yellow flowers.

**SENSATION** is a very large, light blue flower which is ranking very high.

**SNOW WHITE** is probably the best of the modern whites.

**LENTA. WILLIAMSON.** Very tall with huge graceful dark blue flowers.

**CORONATION.** Deep yellow, very tall, sturdy, prolific.

**KING MIDAS.** Very large, bright golden color, outstanding.

**MILDRED PRESBY.** A beautiful combination of purple and pure white.



Sambo and Arenaria



Fro

## LOVELY HARDY PENTSTEMONS

**PENTSTEMONS.** These outstandingly lovely western perennials are found at their best on the Great Plains and in the mountains. We are offering this year 5 different kinds, all native to our state and all very striking and handsome.

**GRANDIFLORA.** 18 to 24 in. tall. Blooms in late June. A tall spike of lavender bells an inch across and of tremendous attraction.

**DWARF BLUE (Nitidus).** The smallest and deepest blue of the group, 6 to 12 in. tall, blooms in May and early June.

**GLABER.** 1 to 2 ft. tall. Blooms in June and through July. The clearest of blues, flowers 1 in. across on long spikes.

**ANGUSTIFOLIA.** 12 to 18 in. tall, bright blue spikes with flowers crowded on them. Blooms in June.

**CRISTATUS.** A Bad Land species. 10 to 15 in. tall, hairy foliage, very large bells of a bluish purple color.

Postpaid, each, 15c; doz., \$1.50.

One root of each Pentstemon—5 in all—60c.



Cristatus



Grandiflora

# HARDY FLOWERING PERENNIALS

Prices unless otherwise quoted: Each, 18c; doz., \$1.75; postpaid, each, 22c; doz., \$2.00.

## STANDARD AND OLD FAVORITE VARIETIES

**CHILLEA.** The Pearl. White, aster-like blooms, June-Sept. 18 in.  
**CHILLEA.** Rose Yarrow. 18 in. Blooms in July.  
**BABY'S BREATH.** Standard. Feathery white, 18 to 24 in. Blooms all season.  
**BABY'S BREATH.** Bristol Fairy. Large double Baby's Breath, grafted roots. Each, 40c; doz., \$4.00. Postpaid, each, 45c; doz., \$4.50.  
**BLACKBERRY LILY.** Foliage resembles iris. Flowers of a mottled orange color resemble small Day Lilies. Very hardy.



Hollyhock



Rocky Mt. Columbine



Tiger Lily



Shasta Daisy

**BLEEDING HEART.** Blooms in May. Postpaid, each, 45c; 5, \$2.00.  
**BOUNCING BET.** (*Saponaria*) Pinkish white, 12-18 in., blooms all season.  
**CAMPANULA (Rapunculoides).** Blue Bell. 30 in. Blooms June and July.  
**COLUMBINE (Canadensis).** Yellow and red, native in parts of North Dakota. Blooms late June, 18 in.  
**COLUMBINE, Rocky Mountain.** Lovely blue, blooms in June, 18 in.  
**COLUMBINE, Hybrid.** Mrs. Scott Elliott hybrids in a variety of shades.  
**CHIVES, Grass Onion.** Lavender heads of bloom, useful in cookery.  
**DAISY, Shasta.** Blooms from June till fall, 12 to 18 in.  
**DAISY, Giant.** 3 to 5 ft. Blooms profusely late in the season.  
**DAISY, Painted.** 12 to 18 in. Blooms all season. Rose color.  
**DELPHINIUM.** New Zealand. Beautiful dwarf type. See page 1.  
**DELPHINIUM.** Bellamosa. The dark blue, slender type, 24 to 48 in.  
**DELPHINIUM.** Belladonna. 4 to 5 ft. Long spikes, pale blue flowers.  
**DIANTHUS DELTOIDES.** Lovely perennial pink, 6 to 12 in., long blooming.  
**ERYNGIUM, Sea Holly.** 18 to 36 in. At blooming time the whole plant is blue.  
**GAILLARDIA, Blanket Flower.** 12 to 18 in. Blooms all season.  
**GOLDEN GLOW.** We offer the new Golden Globe. Postpaid, each, 25c.  
**HEMEROCALLIS, Day Lily.** 18 to 36 in. tall. Blooms in July. Orange variety.  
**HOLLYHOCK.** Single. A very lovely mixture of colors.  
**HOLLYHOCK.** Double. In yellow, pink, red and white.  
**LILY OF THE VALLEY.** Loves shady nooks and thrives in them. Clumps, each, 35c, postpaid.  
**LINARIA.** Butter and eggs of old-fashioned gardens. Looks like a yellow and white snapdragon.

## LILIES

**SINGLE TIGER LILY.** Blooms in July. Height 2 to 4 ft.  
**DOUBLE TIGER LILY.** Lighter shades and more delicate blossoms. One to three weeks later. Same height.  
**CORAL LILY (Tenuifolium).** A lovely bright red lily from Siberia. Ht. 12 to 24 in. Blooms late June or early July.  
**WILD TIGER LILY (Philadelphicum).** A lovely flame lily similar and closely related to our wild prairie lily. Blooms in June. 12 to 20 in. high. Each, 25c; 5, \$2.00, postpaid.  
**DAURICUM LILY.** Candlestick lily. Similar to elegans but larger. Blooms in June and early July. Each, 30c, postpaid.  
**DAVMOOTIAE LILY.** A lovely tall red lily from Canada. 4 to 5 ft. Blossoms profusely. Each, 40c, postpaid.  
**PLATYCODON, Chinese Bellflower.** Comes in blue or white. Blooms July and August. Ht. 18 to 30 in.  
**PLATYCODON, Double Blue.** A new novelty from Canada with additional rows of petals. Each, 40c, postpaid.

## PHLOX

We are proud of being able to offer the new hardy strain of phlox from Canada. So far they are the only ones that we have found perfectly adapted to the Great Plains.  
**ADA BLACK JACK.** Rosy lavender. Postpaid, each, 25c; 5 for \$1.00.  
**PYRAMID WHITE.** Very full compact clusters. Each, 25c; 10 for \$2.00, postpaid.

**BOUGHEN PINK.** A lovely shade and formed exactly like the white above. Each, 25c; 5 for \$1.00.



Delphinium



Phlox

**ICELAND POPPY.** 12 to 15 in. tall. Mixed orange, white and yellow. Blooms all season.  
**POPPY MALLOW.** A low growing plant of the ground cover type. Blooms most of the season. Flowers a handsome purple, large and poppy like.  
**SEDUM, Stolonifera.** Pink flowers. Ground cover.  
**SEDUM, Spectabile.** Handsome foliage and fleshy leaves and stalks, up to 1 ft. high.  
**SEDUM, Kamschateticum.** Low ground cover with yellow flowers.  
**SIBERIAN SWEET PEA.** A rose purple flowered dwarf perennial that blooms over a long period.  
**SIBERIAN LAVATERA.** 3 to 5 ft. A pink flowering hardy and long blooming perennial with a 3 ft. spread.  
**STATICE.** Resembles Baby's Breath but of a lavender color.  
**SWEET WILLIAM.** Perennial member of the pink family with a variety of shades.  
**TANSY, Plover Head.** Clear yellow flowers in clusters from July on. 2 to 4 ft. A medicinal herb.



Gaillardia



Bellflower

Prices unless otherwise quoted; each, 18c; doz., \$1.70; postpaid, each, 22c; doz., \$2.00.



**Blazing Star**

August and September contrast in mixed plantings with the blues and pinks.  
**BLAZING STAR—GAY FEATHER (Liatris).** Tall and Dwarf. Long close set spikes of purple bloom in late July. Fine for cutting. Tall 12 to 24 in., dwarf 12 to 18 in.

**BLACK EYED SUSAN (Rudbeckia hirta).** Lovely brown centered daisy like flowers, petals yellow to orange. July. 12 to 18 in.

**CONEFLOWER, Pink (echinacea).** 18 to 36 in. July bloomer. Large pink blooms with brown cone-like centers.



**Pink Coneflower**

**ERIGERON (fagellaris).** A thick green ground cover, set throughout the summer with pretty daisy like blooms. Like a carpet.

**BLUE EYED GRASS.** A dainty grass like plant of the iris family with a blue star on each stem. 12 in. Blooms in June.

**MONTANA BITTERROOT.** A lovely pink bloom 1½ in. across which comes peeping out of the ground in early spring with no apparent source.

**MEADOW RUE. (Thalictrum).** Feathery clumps with foliage like columbine. 3 to 5 ft. June bloomer.



**Monarda**

**MAXIMILIAN'S SUNFLOWER.** and resembling Golden Glow.

**THERMOPSIS.** The common "yellow sweet pea" of our western prairies. 6 to 12 in. Blooms in May and June.



**Prickly Pear**

**Mammillaria Missouriensis.**

Pincushion cactus with yellowish white flowers with sparkling reddish centers.

## GREAT PLAINS NATIVES

**AMORPHA, Fruticosa.** Finely cut leaves, purple bloom in July. 4 to 6 ft.

**AMORPHA, Canescens. Lead Plant.** Gray divided foliage. Spikes of purple and gold in July.

**ANEMONE (Canadensis).** Large waxy white flowers in late June. Bright green foliage.

**ASTERS.** Dakota Pink. A very hardy upland native with unusually large flowers. 1 to 2 ft., blooms in September.

**Dakota Blue.** Same as the pink but with a clear blue color.

**Garland.** Blooms late August. Flowers in graceful festoons of white on slender stems.

**Shady Place (laevis).** 2 to 4 ft. Flowers light to dark blue. August blooming. Thrives in shade.

**Golden (chrysopsis).** Bright masses of gold in



**Gumbo Lily**



**Erigeron**



**Pasque Flower**



**Prickly Poppy**

Meadow and the

Hariest

**VIOLETS.** We offer 3 natives in 3 colors. Blue, Woodland White for shady places, little Yellow Nuttallii of the open prairie.

**YUCCA (Glauca)—SPANISH BAYONET.** Hardiest of the sword plant family. Long silvery blades with a tall spike of large greenish white bells in July. Fine to group with cactus.

**DAKOTA CACTI.** Each, 25c; doz., \$2.50.

**Opuntia oxyacantha.** With the lovely lemon to orange clusters of flowers in July. The common prickly pear.

**Opuntia humifusa.** Like the above but with heavier joints and longer, white spikes. Yellowish green flowers.

**Opuntia fragilis.** Another type with slender joints and more delicate spines. Pale yellow flowers.

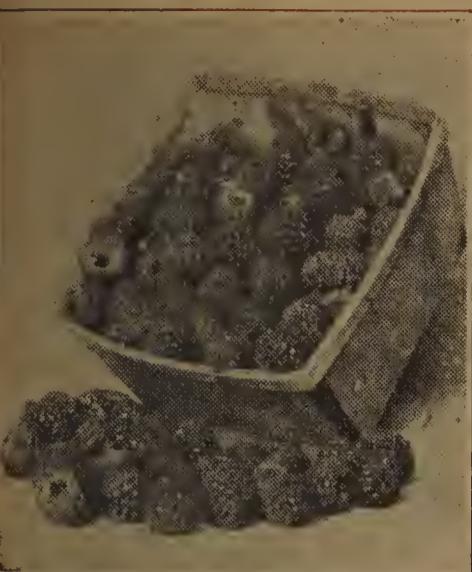
**Opuntia rutila.** Resembles the regular prickly pear but bears lovely carmine flowers instead of yellow.

**Mammillaria vivipara.** The pincushion cactus with the rose colored flowers.



**Yucca**

# HARDY RASPBERRIES



Ruddy

**RUDDY.** (See inside front cover). Dr. Yeager's new hardy and heavy bearing raspberry. A cross between black and red varieties. Color a handsome purple. Vigorous foliage, large and uniform fruits. Each, 15c; doz., \$1.50; postpaid, each, 17c; doz., \$1.70.

**CHIEF.** Hardiest of the Minn. Fruit Breeding Farm varieties. A fine colored red raspberry with large and uniform fruit. Very heavy yielding, strong and healthy. Doz., 50c; 100, \$3.00; postpaid, doz., 60c.



Chief

# GOOSEBERRIES

**PIXWELL.** One of Professor Yeager's wonderful productions. A cross between a native wild selection and a high quality cultivated sort. The berries are very large. The plants rapid growing and vigorous. **A heavy bearer.** Fruit on long stems and bushes sparse in thorns, hence they are very easy to pick. Price: Each, 22c; doz., \$2.20; postpaid, each, 25c; doz., \$2.50.

**HOUGHTON.** The hardiest of the older sorts that we have ever found. Fruit smooth, pale red, tender and well flavored. Not subject to mildew. Strong 2 yr. plants. Doz., \$2.00; postpaid, doz., \$2.25.

**NATIVE WILD.** Useful especially as an ornamental, but valuable also for the considerable quantity of fruit produced. Fruit is only a little smaller than tame sorts and makes excellent jam. It is the first plant to leave out in the spring when its new vivid green leaves herald the season among clumps of other shrubs. Turns bronze red in fall. Each, 30c; doz., \$3.00; postpaid, each, 35c; doz., \$3.50.



Pixwell

# CURRANTS

**RED LAKE:** This variety from the Minn. Fruit Breeding Farm is generally conceded to be the greatest improvement among currant varieties that has been brought out in the past 30 years. Hardy, highest quality, very prolific. **The best red currant in existence.** Price: Each, 25c; doz., \$2.50; postpaid, each, 30c; doz., \$3.00.

**WHITE GRAPE.** A clear, translucent white currant—sweetest of all the currant varieties. Fruit is large as are the clusters. A steady annual bearer. Hardy. Each, 20c; doz., \$2.00; postpaid, each, 25c; doz., \$2.50.

**NATIVE BLACK.** Transplanted, nursery grown stock of this hardy native. Black fruits in clusters. Excellent for jam and jelly. Also an ornamental of some value. Price, 2 yr., each, 25c; doz., \$2.50; postpaid, each, 30c; doz., \$3.00.



Red Lake

**CHIPMAN'S CANADA RED RHUBARB.** The best rhubarb of all the good Canadian varieties. One of the productions of the famous Canadian plant breeder, G. F. Chipman. As sturdy and prolific as McDonald, seedless. Produces the sweetest, finest flavored and most beautiful red sauce for dessert or in pies and shortcakes. Price, postpaid, \$1.60 each.

**MCDONALD.** Very large and prolific, practically without seed stalks, makes pink sauce, fine flavored.

Each, 45c; doz., \$4.50; postpaid, each, 50c; doz., \$5.00.

**RUBY.** Slightly smaller than McDonald and seeds at times. Produces the most delicious ruby red sauce. Each, 45c; doz., \$4.50; postpaid, each, 50c; doz., \$5.00.

**STANDARD RHUBARB.** A prolific strain of the old greenish fleshed sort. Doz., \$1.00; postpaid, doz., \$1.20.

**BOHEMIAN HORSERADISH.** The best cultivated variety. Plant a dozen now and it will keep coming every year. Doz., 30c; postpaid, doz., 35c.

**ASPARAGUS—MARY WASHINGTON.** Postpaid, doz., 35c; 50, \$1.00; 100, \$1.75. F.O.B. here, doz., 30c; 50, 90c; 100, \$1.65.

# RHUBARB ROOTS



McDonald

# Strawberries

We are pricing strawberry plants only at postpaid prices. All orders for them will be shipped separately as we can not usually start shipping them till nearly May first, and the plants are likely to be damaged if packed in with other goods.

## PRICES: PROGRESSIVE

25	.....	\$ 0.50
50	.....	.90
100	.....	1.50
1000	.....	12.00

## SENATOR DUNLAP

25	.....	\$0.35
50	.....	.75
100	.....	.90
1000	.....	7.00



Progressive



Senator Dunlap

**PROGRESSIVE.** We still feel that this is the best everbearing strawberry available for the Northwest, although we hope to be able to offer something better soon. It is very hardy, productive and of delicious quality. Usually bears in June and again in August and September.

**DUNLAP.** Likewise we have found the Dunlap to be the best all-round June-bearing variety for our climate. The vine is tough, the foliage bright and heavy. Runners form rapidly. The fruit is born bounteously, and the berries are regular in shape and delicious in quality. They are large, bright red, and good keepers. Excellent for canning.



Native Wild Grape

**NATIVE WILD (Vitis riparia).** To insure fruit several should be planted as each plant is of a single sex. A fast grower, valuable as an ornamental climber, noted for the wonderful fragrance of its blossoms in June, and for the value of the fruit for jams, jellies and grape juice. Strong young plants. Each, 20c; doz., \$2.00; postpaid; each, 25c; doz. \$2.50.

**BETA.** One of several hybrids between Concord and the wild grape, produced in Minnesota a number of years ago. The Alpha is of the same group. The hardiest tame grapes so far introduced—the fruit is blue-black, of medium size with a pleasant, aromatic flavor. Should be planted only in sheltered spots where they bear well. Fruit ripens the last of August. Price: Strong plants, each, 25c; doz., \$2.50; postpaid; each, 30c; doz., \$2.80.



Beta Grape

**ALPHA.** A sister of the Beta which it very closely resembles. Possibly a little better adapted to the heavy black soils. Fruit is perhaps a little sweeter. Size a trifle smaller than the Concord. Each, 25c; doz., \$2.50; postpaid; ea., 30c; doz., \$2.80.



Minn. No. 3

## HARDY PEAR

**MINN. NO. 3.** The hardiest we have found to date. We believe that this will survive under reasonable conditions anywhere in the Northwest. Small but very fine and sweet. Each, 75c; 5 for \$3.50.

# HARDY APPLE TREES



Hicks Apple

All authorities on Great Plains Horticulture recommend planting only young stock such as we offer because it establishes itself much more quickly and easily and there is likely to be less loss. Remember that our apples are grafted and budded on the hardiest apple roots in the world.



Mantet



**HICKS. Everbearing.** Comes to us from Mr. Hicks of Plains, Mont. Exceedingly hardy, thrifty, and of high quality. Bears every year a good crop of red and yellow striped apples of good size. **Each, 60c; 5 for \$2.75.**

**MANTET.** This is an introduction from the **Dominion Horticultural Station at Morden, Manitoba**, and a result of some of their extensive fruit breeding work. **Mantet** is to all intents **an early, hardy McIntosh** with the same deep red color. Ripens with the Duchess but remains good till late fall. Sturdy trees and heavy bearing. **2 to 3 ft. trees. Each, 70c; 5 for \$3.25.**

**MORTOFF.** A **late fall apple**. A Morden bred apple, fair size, hardy 400 miles north, yellow washed with red and striped, very tender, delicious flavor. Good tree and productive. **Each, 65c; 5 for \$3.00.**

**WAUKON.** A seedling from Mr. Sykes of Moorhead, **first grown by Professor Yeager** and first introduced in our catalog. Like the Wealthy but better fruit, sturdier tree and hardier. **A fall apple. Each, 70c; 5 for \$3.25.**

**ANOKA.** The earliest bearing of all large apples. Begins to fruit the year after it is planted and bears regularly thereafter. Should be replaced every 5 to 10 years as it is not long lived. Fruit resembles the Duchess. Hardy under severe conditions. A production of Dr. N. E. Hansen. **Each, 3 to 4 ft., 60c; 5 for \$2.75.**

**ERICKSON.** This is one of the best of the apples of Russian origin. Exceptionally **large in size**, it is also of fine flavor. Season somewhat longer than that of Duchess, it is of a beautiful and uniform red color when fully ripe. Season Sept. to Nov. **Price, each, 70c; 5 for \$3.25.**

**HARALSON.** A **real winter apple**, hardy enough for the Northwest. A Minn. Fruit Breeding Farm production. A strong grower, resistant to fire blight, bears early and yet the fruit keeps in good condition till spring. Apples are large and deep red, flavor excellent. Has proven very hardy. **3 to 4 ft. Each, 60c; 5 for \$2.75.**

**WEALTHY.** Keeps till January and is ready to use by October. A Minnesota variety which has become a universal favorite. Tree of good habit, hardy, blight resistant. Bears many large dark red apples with crisp, sub-acid white flesh tinged with pink. Not as hardy as some of the new sorts but safe over most of the Northwest. **3 to 4 ft. Each, 60c; 5 for \$2.75.**



Haralson



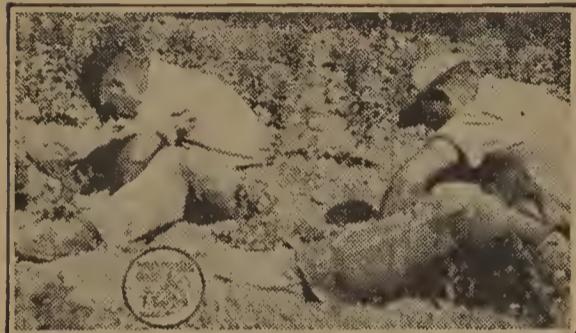
Anoka

# Hardy and Prolific Crab Apples

**RED RIVER.** Dr. Yeager's fine new crab. A cross between Dolgo crab and Delicious apple. Wonderful quality and flavor as an eating apple. A late large crab, round to oval; bright red skin, solid flesh of good color. A long keeper. **3 to 4 ft.** Each, 75c; 5 for \$3.50.



Red River Crab



Budding Apples at Our Nursery

**N. D. NO. 6.** A sweet crab from Dr. Yeager's hybridizing. A large crab with the flavor of the old-fashioned large, sweet apples. A distinctly valuable product, now first introduced. **3 to 4 ft.** Each, 70c; 5 for \$3.25.

**PRINTOSH.** One of the extra large, fine flavored crabs from the Ottawa Station. Very hardy at Morden and very vigorous. A beautiful fruit. **3 to 4 ft.** Each, 65c; 5, \$3.00.



N. D. No. 6 Sweet Crab



Printosh

**SIBERIAN CRAB.** One of the hardest of all types of apples. Even weather of the past five years has not touched them. Matures in August and September. Fruit small but borne very heavily. A handsome tree. Excellent for jelly. **3 to 4 ft.** Each, 60c; 5 for \$2.75.

**FLORENCE.** A Minnesota variety which has proven particularly hardy in the Great Plains. A fine, handsome tree, with heavy crops of beautiful, round medium sized crab apples of very good flavor. **3 to 4 ft.** Each, 60c; 5 for \$2.75.



**WHITNEY.** One of the largest and best flavored crabs for eating from the hand. Matures late August and possesses nearly all the qualifications for a perfect crab. Bears rather lightly on the Great Plains except in a favorable year. A fine shaped, upright tree of great sturdiness. An excellent pie apple. **3 to 4 ft.** Each, 60c; 5 for \$2.75.



Florence Crab

**SUGAR CRAB.** Sept., Oct., and later. One of Dr. N. E. Hansen's productions. A large, sweet, fine flavored crab. Blight resistant. Yellow with bronze blush. **3 to 4 ft.** Each, 60c; 5 for \$2.75.

**GOLDEN ANNIVERSARY.** A seedling that appeared at our nursery some years ago. A very large, fine flavored crab, yellow with red blush. Very hardy. **3 to 4 ft.** Each, 65c; 5 for \$3.00.



Dolgo

# CHERRIES and CHERRY HYBRIDS

Nearly all of these plants are self-sterile—plant wild plum or sand cherry near them for pollinating.

**COMPASS.** The oldest and best known of the sand cherry hybrids. Ripens late July or August. Fruit bright red when mature, nearly an inch long, oval, pleasant to eat fresh; unrivaled for sauce, jelly or jam. Hardy throughout the whole Northwest. **3 to 4 ft.** Each, 50c; 5 for \$2.25.

**TOM THUMB SAND CHERRY.** A bush cherry with red flesh. Grows only 3 to 5 ft. high. One of Dr. N. E. Hansen's productions. A very hardy fruit, popular well into Canada. Pleasant to eat fresh. May be set out about like gooseberries and will bear well at that rate of planting. **2 to 3 ft.** Each, 60c; 5 for \$2.75.

**CHAMPA SAND CHERRY.** Another of Dr. Hansen's varieties. Very similar to Tom Thumb, a low bush that can be planted close. The principal difference is that the fruit has green flesh instead of red. Bears a little earlier. Fine flavor. **2 to 3 ft.** Each, 50c; 5 for \$2.25.

**OKA.** Another Hansen fruit. A fine large cherry, borne on a tree instead of a bush. Quite variable in performance, depending on local conditions. At its best it is perhaps the finest of the type. The fruit is very large for a cherry, a rich purple in color, skin thin, flesh red, delicious flavor. Fruit hangs to tree and cures there like a dried prune. **3 to 4 ft.** Each, 50c; 5 for \$2.25.

**RUSSIAN PIE CHERRY.** A true sour cherry which comes to us from the Dominion Station at Morden. Perfectly hardy and something new in cherries for the Northern Great Plains. **3 to 4 ft.**, each, \$1.00.

**BLACK BEAUTY.** From the Chipman Nurseries at Winnipeg. An unusually large fruited select sand cherry of fine quality and flavor. A heavy bearer. **2 to 3 ft.**, each, 75c; 5 for \$3.50.

**NORTHERN PIN CHERRY.** A small but very ornamental cherry tree which bears quantities of small bright red fruits suitable for excellent jelly and preserves. **Each, 18 to 24 in., 40c; 5 for \$1.75.**

**NANKING CHERRY—PRUNUS TOMENTOSA (Chinese Bush Cherry).** Very useful as an ornamental or hedge shrub, outstandingly hardy in both the Great Plains and Canadian Northwest. Its fruit, bright red, is of very fine flavor for every purpose, somewhat larger than a choke cherry. Its bearing is, however, rather erratic. Blooms very early in the spring and is a handsome, compact bush at all times. **3 to 4 ft.** Each, 50c; 5 for \$2.25.

**SAND CHERRY (Prunus besseyi).** The native bush cherry of the great plains. Fruit almost the size of a sour cherry, black and often very fine flavored. Always good in jam and jelly. A low bush, may be planted 3 to 4 ft. apart and will produce a tremendous quantity of fruit. **2 to 3 ft.** Each, 30c; 5 for \$1.25; Seedlings, 6 to 12 in., doz., 50c; 100 for \$4.00.

**WESTERN CHOKECHERRY (Prunus melanocarpa).** Larger and sweeter than the eastern chokecherry. A tremendous bearer. One of our very hardest natives, useful as an ornamental, in shelter belts and for its fruit which makes **perhaps the most delicious of all jellies and syrups.** It is becoming more valued and appreciated yearly. **2 to 3 ft.** Each, 25c; 10 for \$2.00; Seedlings, 6 to 12 in., doz., 40c; 100 for \$3.00.



Sand Cherry



Oka Cherry



Black Beauty



Chokecherry



Compass Cherry

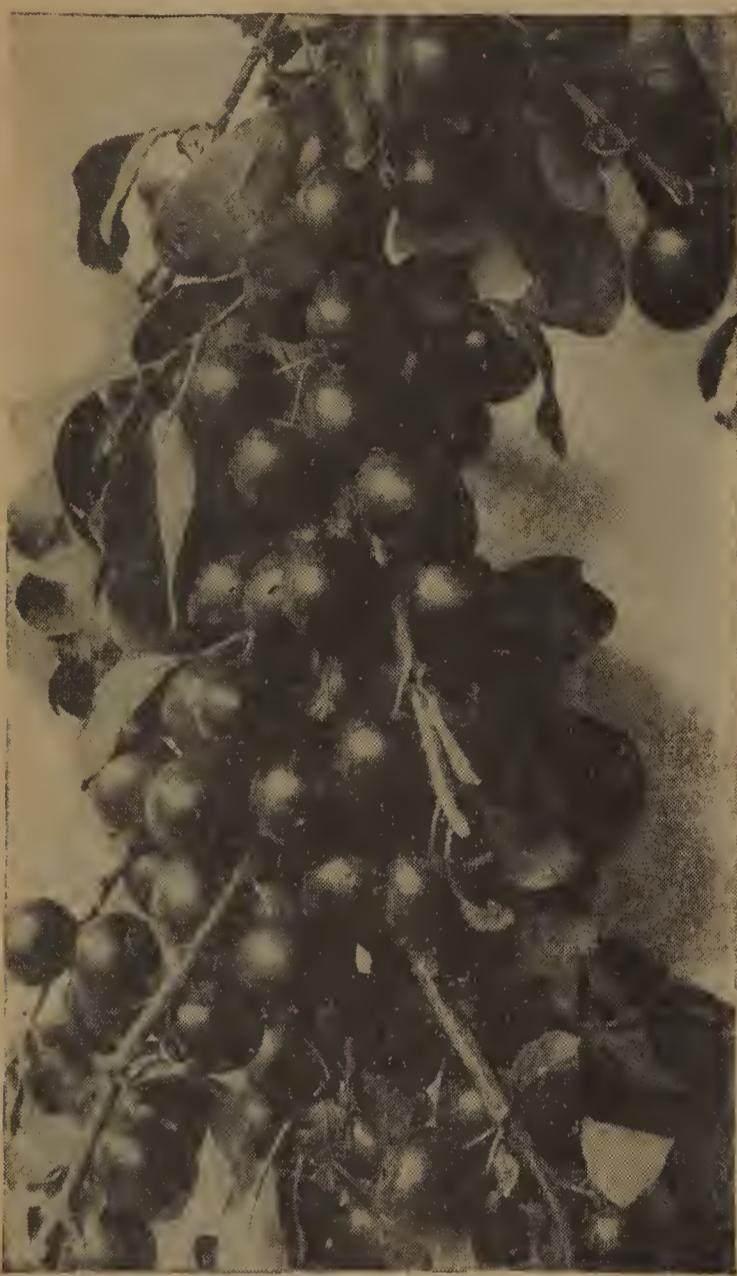


Champa

# Plums and Plum Hybrids

## Hardy, High Class Varieties for the Northwest

Plant Several Types Together or Plant with Cherries to Insure Pollination.



Opata



Radisson



Wild Plums at Our Nursery

**OPATA.** A cross between sandcherry and Gold Plum by Dr. N. E. Hansen. Perhaps the best and most widely used of the Hansen Hybrids. Head low, trim out old wood as it bears on the new wood. A round fruit 1 to 1½ in. in diameter, with green flesh. A very nice flavor and wonderful for canning. Ripens in early August. 3 to 4 ft. Price, each, 50c; 5 for \$2.25.

**UNDERWOOD.** Many of the Minnesota plums are not adapted to the Great Plains. Long trials of Underwood, however, have sufficed to prove its hardiness. In flavor it equals the Japanese plums, size is intermediate, trees strong and thrifty and bear annually. Fruit is dark red and sweet, ripens in late August, and is an excellent keeper. 3 to 4 ft. Each, 60c; 5 for \$2.75.



Underwood

**WANETA.** Apparently the hardiest of the extra large size plums. The largest of Dr. Hansen's productions. A heavy bearer of very large, good quality fruit. Very drouth resistant. Ripens in mid-season. The best large plum for the Great Plains. 3 to 4 ft. Each, 60c; 5 for \$2.75.

**CREE.** Another Hansen plum of great hardiness, and one of the best. Has blood of the *prunus nigra* wild plum of the north and is very hardy and cold resistant. Fruit bright red, skin thin, flavor excellent, ripens in late August. 3 to 4 ft. Each, 60c; 5 for \$2.75.

**TECUMSEH.** Professor Patterson of the University of Saskatchewan Horticultural Dept. says, "It is a high class plum with considerable promise for the north." One of Dr. Hansen's productions. Very good at Mandan. Each, 90c; 5 for \$4.00.

**GOLDEN ANNIVERSARY.** A seedling from our own nursery. Large, firm, fine in quality and a heavy yielder. Very hardy. Each, 60c; 5 for \$2.75.

**RADISSON.** Another extra hardy Minnesota plum. An early variety,

fairly large, with good tree form. Fruit is a handsome red and the quality very high. 3 to 4 ft. Each, 50c; 5 for \$2.25.

**RED WING.** This variety has stood up remarkably well in the dry area during the past few severe years. It is a very large fruited plum. Fruit is firm, sweet and of good quality. Color is yellow overlaid with red. Mid-season bearer. 3 to 4 ft. Each, 60c; 5 for \$2.75.

**KAGA.** Another Hansen plum and one of the most delicious we have ever tasted. Its unusual fine sweet flavor comes from the apricot plum blood which it contains. Not very large but tops in quality. 3 to 4 ft. Each, 60c; 5 for \$2.75.

**WILD PLUM.** This hardy native is rapidly acquiring popularity for its value as a shelter belt tree as well as an ornamental and a producer of fruit. We offer very thrifty stock from native seed. Wonderful for sauce, jam and jelly. 3 to 4 ft. Each, 35c; 5 for \$1.50. 18 to 24 in. transplants for shelter belt, etc., doz., 40c; 50 for \$1.50; 100 for \$2.75.



Cree

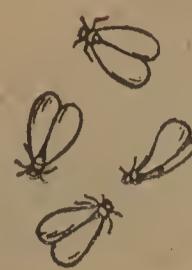


Kaga

# Insecticides—Fungicides—Rodent Bait

SPRAY EARLY—SPRAY OFTEN

Prices Subject to Change. Ask for Prices on Large Lots. All Prices F. O. B. Bismarck Unless Otherwise Stated.  
All Insecticides Are Now Mailable



## WILL'S NEW IMPROVED BUGEX PROTECTS YOUR PLANTS

Non-Poisonous—Safe—Effective—Economical

A Non-Poisonous Dusting Powder for the control of a wide range of insect pests in your garden. Contains both Rotenone and pyrethrum. BUGEX Dusting Powder is a very uniform product of High Killing Power—Stabilized, thus retaining its active power longer than ordinary pyrethrum or Rotenone products. Price, F. O. B. here, 1 lb., 35c; 5 lbs., \$1.00; postpaid, 1 lb. can, 42c; 5 lbs., \$1.25.

## DUTOX

(Barium Fluor Silicate)

Use as spray or dust.

A Non-Arsenical insecticide. Kills tough bugs. Controls Potato Bugs, Blister Beetles, Mexican Bean Beetle, Cucumber Beetle, Cabbage Worms, Cut Worms and many other pests. Price, postpaid, 1 lb. bag, 40c; 6 lb. bag at 30c lb. F. O. B. here, 30c lb.; 6 lbs. at 25c lb.

**PARIS GREEN.** Powerful—quickest acting insecticide for potato bugs. Prices, postpaid, 1 lb., 60c. F. O. B. here, 1 lb., 50c; 5 lbs. at 45c per lb. Larger lots quoted on request.

**ARSENALE OF LEAD.** Becoming popular as a potato spray. Kills a wide variety of leaf eating and certain soil insects. Postpaid, ½ lb., 25c; 1 lb., 40c. F. O. B. here, ½ lb., 18c; 1 lb., 30c; 4 lb. bag, 75c.

**BORDEAUX MIXTURE.** Controls scab, rust, rot, blight, mildew, leaf spot, anthracnose and other diseases of fruit and truck crops. Prices, postpaid, 1 lb., 40c. F. O. B. here, 1 lb., 30c; 4 lb. bag, 65c.

**CUT WORM AND HOPPER BAIT.** Will's Pioneer Brand. Sure death to hoppers, crickets, cut worms, snails and other soil insects. Prices, postpaid, 1 lb., 27c; 5 lbs., \$1.00. F. O. B. here, 1 lb., 20c; 5 lbs., 75c.

**LIME SULPHUR.** One of the most dependable of all insecticides for dormant spraying and the destruction of fungous parasites on woody plants and shrubs. Prices, postpaid, 1 lb., 35c; 5 lbs. at 28c per lb.

**CYANOGAS ANT KILLER.** 4-oz. spouted tin—enough to kill a million ants. F. O. B. here, 30c.

**CYANOGAS A-DUST.** A gas producing powder—kills all burrowing pests. F. O. B. here, ½ lb., 45c; 1 lb., 75c.

**CYANOGAS G-FUMIGANT.** For fumigating flour mills, grain warehouses and greenhouses. F. O. B. here, 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00.

## BLACK LEAF 40 THE OLD RELIABLE

Used as an Aphis Spray, Roost paint for poultry lice and mites, Sheep dip. Keeps dogs away from your shrubs and trees. Price, postpaid, 1-oz. bottle (makes 6 gallon), 40c. F. O. B. here, 1-oz. bottle, 35c; 5-oz. bottle, \$1.00.

**DUSTING SULPHUR.** For mildew on roses and other fungus and similar diseases of plants there is nothing quite so satisfactory as sulphur dust. 1 lb., postpaid, 15c; 3-lb. package, postpaid, 35c; here, 25c.

## GOPHER POISON

RIDS YOUR FIELDS OF GOPHERS

Will's Pioneer Brand Gopher Poison has made many friends in the past few years. Our Gopher Poison is made in accordance with the formula furnished by the USDA, with a liberal over-strength of poison added. The heaviest oats obtainable is used in the manufacture of this poison. 8 lb. sk., 80c; 16 lb. sk., \$1.55; 32 lb. sk., \$3.00. Ask for prices in larger lots.

## SODIUM FLUORIDE POWDER FOR BLISTER BEETLE.

An excellent destroyer of roaches, plant and stock lice, etc. F. O. B. here, 1 lb., 25c. Postpaid, 35c.

**FISH or WHALE OIL SOAP.** A caustic potash soap made from pure fish oil, valuable for rose bushes as a wash, and for the leaves and bark of plants or trees to kill lice and scale. Smeared on trees will prevent the ascent of worms. A remedy against aphids. Postpaid, 1-lb. cake, 40c.

**CARCO.** This is the best remedy for cutworms and other underground pests. Use one pint to 75 pints of water and spray the soil before planting. Later use one pint to 125 pints of water. By express or freight, one pint, 75c. Postpaid, 90c.

**TOBACCO DUST.** An excellent remedy against all kinds of aphids or plant lice. Per lb., by express, 12c; 5 lbs., 50c. Postpaid, 1 lb., 20c.

**CORONA TREÉ WOUND DRESSING.** For all cuts, breaks, bruises caused by accident or from pruning, or for injury by gnawing by rabbits or mice. Price, pt., 50c; qt., 75c. Postpaid, pt., 60c; qt., 90c.

**ATLACIDE WEED KILLER.** Kills poison ivy and all other weeds including dandelions. May be dissolved and sprayed on or dusted on. 2 lbs. treats 100 to 450 square yards. Non-poisonous. 1 lb., postpaid, 57c; 5 lbs., \$1.75; F. O. B. here, 1 lb., 50c; 5 lbs., \$1.50.

**CARBOLA.** The Disinfecting White Paint and Dusting Powder for Insects. A white paint and powerful disinfectant in powder form. Quickly mixed with water—no waiting or straining. Applied with brush or sprayer to all surfaces. 5-lb. pkg., 75c; 10 lbs., \$1.25; 50 lbs., \$5.00. This is mailable at regular postage rates.

**SMITH'S RAT-KILL.** Does not harm Human Beings or Domestic Animals. The rat kill package contains about 150 doses. Price, per pkg., postpaid, 55c. F. O. B. here, 50c.

**MOUSE SEED.** Price per pkg. is postpaid, 20c. F. O. B. here, 15c.

**NEW EVERGREEN NON-POISONOUS SPRAY.** A new pyrethrum spray, a great improvement on the regular Evergreen as it contains the necessary soap spreader and oil, a perfect combination and is 20% stronger. Kills ants, all forms of aphids and plant lice. One oz. makes 4 to 6 gallons. Price, postpaid, 1 oz., 40c; here, 35c; 6-oz. pkg., \$1.10, postpaid; \$1.00 here. Larger sizes quoted on request.

## TREAT SEEDS EVERY YEAR -IT PAYS

## DU BAY SEED DISINFECTANTS

INCREASE YOUR YIELD

Recommended by Experiment Stations

**NEW IMPROVED CERESAN.** For wheat, oats and barley smut control. F. O. B. Bismarck, 1 lb., 70c; 5 lbs., \$3.00.

**NEW IMPROVED SEMESAN, JR.** For Corn diseases. F. O. B. Bismarck, 4 oz., 30c; 1 lb., 75c.

**NEW IMPROVED SEMESAN BEL.** Offers greater control of seed potato diseases. F. O. B. Bismarck, 4 oz., 45c; 1 lb., \$1.50.

**SEMESAN.** Treat Garden and Flower Seeds and bulbs. Price F. O. B. Bismarck, 2 oz., 35c.

# Will's Pioneer Brand Better Feeds

All Prices F. O. B. Bismarck Unless Otherwise Noted—Subject to Market Change  
GOOD FEED IS ONE OF THE FIRST REQUIREMENTS IN THE PRODUCTION OF

## GOOD BIRDS

For Best  
Results Use  
Will's Feed

### MERMASH

This is an ALL PURPOSE MASH, also known as Life Cycle—Year 'Round Mash. Balanced to give the best possible results as a Chick Starter, Growing Mash as well as Laying Mash when used as recommended in our instructions. 10 lbs., 30c; 25 lbs., 60c; 50 lbs., \$1.15; 100 lbs., \$2.20.

### SUPER MERMASH

This Mash contains Buttermilk powder and analyses higher in protein than Mermash. A Superior Starting and Broiler ration; also to be used as a Laying Mash for Breeding Stock. 10 lbs., 35c; 25 lbs., 70c; 50 lbs., \$1.30; 100 lbs., \$2.50.

### TURKEY MANA

The Turkey Starting Mash Supreme. Analyses about 24% Protein. This ration will produce birds with exceptionally fine frame and feather development, and unsurpassed in quality of meat, both as to texture and flavor. As soon as birds are on range, use Pioneer Brand Mermash as a growing mash. You will like Pioneer Turkey Mana. 10 lbs., 40c; 25 lbs., 80c; 50 lbs., \$1.45; 100 lbs., \$2.75.

**PIONEER GRANULAR CHICK GRAIN.** A sifted, high quality granular grain feed to be used as a balance in conjunction with Mermash during growing period. 10 lbs., 30c; 25 lbs., 60c; 50 lbs., \$1.15; 100 lbs., \$2.20.

**PIONEER HEN SCRATCH.** A balanced grain mixture of our own preparation for mature birds. Has given uniformly excellent results. 10 lbs., 25c; 25 lbs., 55c; 50 lbs., 85c; 100 lbs., \$1.60.

**PIONEER BRAND FOWL FATTENER.** This is a fattening mash so compounded as to stimulate the putting on of flesh when fattening for market. Please remember that all our feed is compounded from experiment station formulas. 25 lbs., 60c; 50 lbs., \$1.00; 100 lbs., \$1.90.

**PEARL LIMESTONE GRIT or SHELLMAKER.** The dual purpose grit, hard enough to furnish the necessary grinding material for chickens, and soluble enough to furnish the much needed lime for bone and shell building. No other grit need be used with this. F. O. B. Bismarck: 25 lbs., 50c; 100 lbs., \$1.20.

**PIONEER CALF MANA.** Raise your calves without milk. This compound, composed of balanced ingredients, is a perfect milk substitute. Has been used for years and always with the best success. Comes in all size sacks, full directions accompanying every sack. Try it and you will always use it. 25-lb. sack, \$1.15; 100 lbs., \$4.00.

**MANAMAR.** A 41.5% Protein concentrate with Kelp, Fish Meal, etc., containing all minerals in organic form. We use it in our poultry mashes. A good ingredient in feed for milk cows, brood sows, and in fact any live stock and poultry. A great food and conditioner. The Kelp contains organic IODINE in just the right proportion for correction of Iodine deficiency in feed grown on prairies. 5 lbs., 35c; 10 lbs., 65c; 25 lbs., \$1.45; 50 lbs., \$2.80; 100 lbs., \$5.50.

**MEAT AND BONE SCRAPS.** These are of first quality, cooked and without offensive odor. 25 lbs., 75c; 100 lbs., \$2.75.

**POWDERED BUTTERMILK.** Useful in all kinds of feed mixtures. Highest quality. Price, 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.60; 100 lbs., \$6.00.

**MINERAL MIX.** F. O. B. Bismarck: 25 lbs., \$1.00; 100 lbs., \$3.00.

**ROLLED OATS.** For poultry and stock food and of use in compounding mixtures. 100-lb. sack, \$2.50.

**ALFALFA MEAL.** By express or freight, 10 lbs., 40c; 25 lbs., 90c; 100 lbs., \$2.50.

**LINSEED OIL MEAL.** 10 lbs., 35c; 100 lbs., \$2.50.

**COTTONSEED MEAL.** 10 lbs., 30c; 100 lbs., \$2.25.

**COTTONSEED CAKE.** 10 lbs., 30c; 100 lbs., \$2.25.

**NOPCO COD LIVER OIL.** This is one of the finest and purest brands and compares very favorably in price with any other brand. We offer it in quart and gallon sizes. Price, F. O. B. Bismarck, 1 qt., 50c; gal., \$1.75. Postpaid, 1 qt., 75c.

**SUNFLOWER, HEMP AND CANARY.** For poultry, parrots and song birds. F. O. B. Bismarck, 1 lb., 15c; 10 lbs., \$1.25.

**CHANGE in Feed Prices.** If you will ask us to, we shall put your name on our regular feed mailing list. You will be under no obligation but will receive the changes in the feed market as they occur. Just drop us a line saying you want to receive the feed price changes.

# Fertilizers for All Purposes

Fertilizers are beginning to interest us in the Northwest and their increased use is inevitable. Experiments during the past few years have shown that **phosphorus** is the most needed element in most prairie soils.

No fertilizer can do much good without moisture, and conversely irrigated land responds to the limit if fertilizer is applied. Hence any irrigator should familiarize himself with fertilizing practice. Much of the needed nitratin can be most cheaply derived from manure and legumes.

The three necessary elements in plant growth which are not always present in the soil are nitrogen, which stimulates luxuriant growth; phosphorus, which has a tendency to force bearing and hasten maturity, and potash which stimulates growth, delays maturity of grains and grasses but hastens maturity in root crops. We offer these three elements separately below, nitrogen in the form of nitrate of soda and ammonia sulphate, phosphorus in the form of bone meal and superphosphate, potash in the form of muriate of potash. Good combinations for general use are 400 lbs. superphosphate and 200 lbs. each of nitrate of soda and muriate of potash per acre or 8 per cent phosphate, 5 per cent nitrogen and 7 per cent potash.

For gardens, yards, lawns and small intensively cultivated areas the ready prepared fertilizers such as **Vigoro** are the most economical and convenient to use and the best adapted.

**SULVERIZED SHEEP MANURE.** This is by far the most concentrated of the cheaper fertilizers and is adapted especially for garden and lawn use, and for use in a larger way where the land is being used intensively. Use from 5 to 10 lbs. per 100 square feet. Price, 10 lbs., 40c; 25 lbs., 50c; 50 lbs., 70c; 100 lbs., \$1.00; 500 lbs., \$4.75; 1000 lbs., \$9.50; ton, \$18.00.

**SUPERPHOSPHATE.** Phosphorus is said to be the element the most likely to be lacking in the prairie soils of the Northwest, and is not supplied in any form by applying vegetable matter by turning under or otherwise. Use one to two hundred pounds per acre. It may be broadcasted on. Price, 46% formula, 10 lbs., 50c; 50 lbs., \$2.20; 100 lbs., \$4.00. Write for quantity prices.

**NITRATE OF SODA.** The great growth stimulator, the best chemical agent in supplying the much needed nitrogen to deficient soils. Has a wonderful effect on lawn, garden or flowers. F. O. B.

Bismarck, 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; 100 lbs., \$6.00.

**MURIATE OF POTASH.** Promotes growth, delays development and causes longer growing in grains, grasses, flowers, but stimulates both growth and maturity of root crops such as beets, carrots, etc. F. O. B. Bismarck, 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.

**AMMONIA SULPHATE.** The Lawn Fertilizer. Also valuable for the garden or flower bed. A highly concentrated nitrogen fertilizer which acts very quickly. Use it on the lawn in the Spring at the rate of 3 lbs. per 1,000 square feet. Valuable also for trees and shrubbery. Price, 10-lb. bag, 75c; 100 lbs., \$5.75, F. O. B. Bismarck.

**BONE MEAL.** (The great phosphorus supplier). For fall application. Causes fruiting and blooming in reluctant plants, flowers, shrubs and trees. Especially useful to stimulate bloom in peonies. Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 100 lbs., \$3.00.

## VIGORO—The Complete Plant Food

For lawn, flowers, small fruits and the vegetable garden **Vigoro** is the ideal fertilizer. Apply it to the lawn in early spring and watch the grass turn green and grow luxuriously. It improves both the quality and quantity of all kinds of flowers, both annual and perennial and will add greatly to the quality and the production of your vegetables, small fruits and ornamental shrubs.

Vigoro contains all the 11 elements needed for proper plant nourishment.

Use 4 lbs. to 100 Sq. Ft.—Prices F. O. B. Here  
 1 lb. pkg....10c      10 lb. pkg....\$0.85      50 lb. bag.. \$2.50  
 5 lb. pkg....45c      25 lb. bag... 1.50      100 lb. bag... 4.00  
 Postpaid, 1 lb. pkg., 18c

## Feed Everything You Grow

with this complete,  
balanced diet

**VIGORO**  
Complete plant food



## INOCULATE FOR BETTER LEGUMES

Be sure and specify kind of seed for which inoculant is ordered.

Alfalfa, Sweet Clover and other Clovers:  $\frac{1}{2}$  bu. size, 30c; Postpaid, 35c; 1 bu. size, 50c; Postpaid, 55c;  $2\frac{1}{2}$  bu. size, \$1.00; Postpaid, \$1.15.

Beans, Peas and Vetches:  $\frac{1}{2}$  bu. size, 25c; Postpaid, 30c; 1 bu. size, 40c; Postpaid, 45c; 5 bu. size, \$1.70; Postpaid, \$1.90.

Garden size—Garden beans, peas, sweet peas, etc. Will inoculate 4 lbs. of seed. Each, 10c; Postpaid, 12c.

**ROOTONE.** The newest marvel in chemical application to roots, plants, bulbs, etc. Stimulates root growth to an unbelievable extent and permits the quick rooting of cuttings. Minimum size package will treat several hundred items. Each, \$1.00; Postpaid, \$1.10.

**CARBORONDUM FILES AND STONES.** Postpaid, No. 190, 10 in. long, 40c; here, 30c; No. 188, finer and flatter, postpaid, 40c; here, 35c; No. 192, heavy scythe stone. Postpaid, 52c; here, 42c; No. 57 file, heavy stone file with handle, 14 in. long, postpaid, each, \$1.30; here, \$1.15.

## Premax Floating Head Lawn Sprinkler

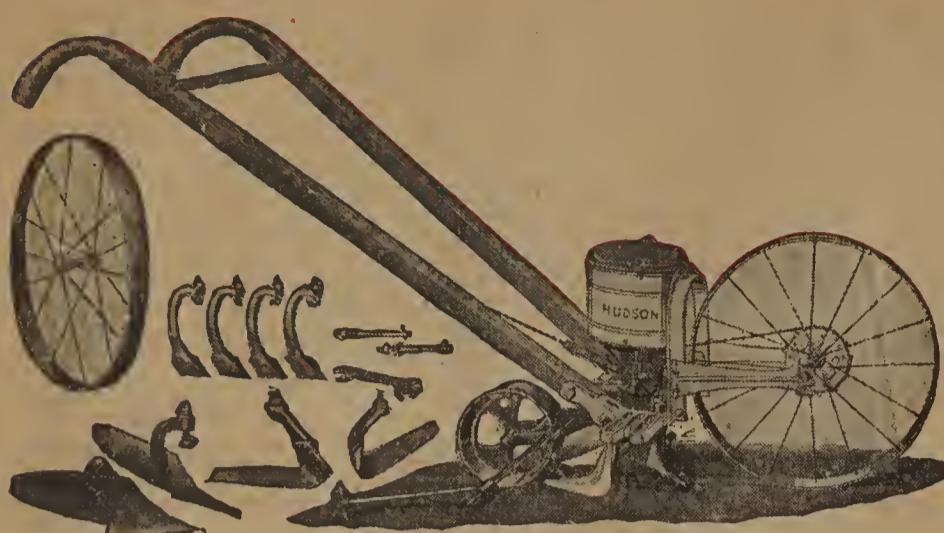
This is the easiest running revolving sprinkler that we have ever seen. After two years' trial of it we are ready to recommend it for the service it gives, its simplicity and the volume of water that it throws. Price, \$2.25; postpaid, \$2.40.

## Perfecto Window Box

Comes in green. Built on scientific principles and to sell at a very reasonable price. Rust proof, light in weight, self-irrigating. Price F. O. B. Bismarck, 20 inch size, \$1.00; 26 inch, \$1.50; 32 inch, \$2.00.



# SEEDERS AND CULTIVATORS



No. 201 Seeder and Cultivator

## HUDSON SINGLE WHEEL HOE NO. 229

The ideal small garden cultivator. Equipped with two 8 in. hoes, 4 cultivator teeth, adjustable wheel. F. O. B. Bismarck, \$5.00 boxed; shipping weight, 32 lbs.

## HUDSON DOUBLE WHEEL HOE NO. 214

A splendid two wheel machine equipped with two 8 in. steel hoes. Wheels 16 in. high. F. O. B. Bismarck, \$6.50 boxed; shipping weight, 32 lbs.

## LAWN AND GARDEN HOSE

at Lowest Prices  
All Hose Quoted Is  $\frac{5}{8}$  In.

### OUR BEST HOSE

This is the very best hose and is almost indestructible by ordinary use. Lasts several times longer than ordinary hose. Price, cut to any length, with couplings, 16c per foot, F. O. B. Bismarck.

### NON-KINKING

Non-kinkable. This is the very best quality and lasts indefinitely. In 50-ft. length or cut to any length desired. Per foot, 13c.

### ECONOMY ALL RUBBER

A good inexpensive hose for light usage. In 50 foot length. Price, per foot, 7c.

## PRUNING SHEARS

Regulation sturdy pruning shears, easily tightened, with high grade steel blade. Each, \$1.50; postpaid, \$1.60.

## JUSTRITE NOZZLE



A well made, adjustable brass nozzle with washer attached. Adjusts for fine or coarse spray and solid stream. Each, 65c; postpaid, 75c.

**HOSE COUPLINGS.** Easily inserted. Price per set, postpaid, 20c.

**HOSE MENDERS.** Conveniently and quickly inserted and clamped with a hammer. Postpaid, each, 20c.



**BAGS.** In lots of 1 to 25, each, 31c; in lots of 25 to 100, each, 30c; bale of 100, \$29.00. All F. O. B. here.

## Hudson Combination Seeder and Cultivator

### No. 201

We are again offering this fine machine which we can thoroughly recommend. It combines a high grade drill and seeder with both two- and one-wheel cultivators and sells at a very reasonable price for so excellent a machine. The illustration will give an idea of the equipment, which is very complete. Price, boxed, handles furnished, F. O. B. Bismarck, \$16.50. Shipping wt., 56 lbs.

## Hudson Seeder No. 205

Designed for the market gardener who does a great deal of seeding, and must always have a seeder set up ready for use. Can be made into a cultivator by adding the cultivating equipment as the steel frame and arch are standard. Will sow all seeds from beans down to the very finest garden variety, either in continuous drills, or in hills spaced from 4 to 24 in. apart. Price complete, boxed, F. O. B. here, \$13.00. Shipping weight, 44 lbs.

## Hudson No. 446 High Wheel

This is a first class cultivator of the easy running, high wheel type. Price, complete, F. O. B. Bismarck, \$3.00.

G-245—5 Prong Cultivator Attachment for all seeders and cultivators. F. O. B. Bismarck, \$1.00.



## CLIPPER CLEANERS

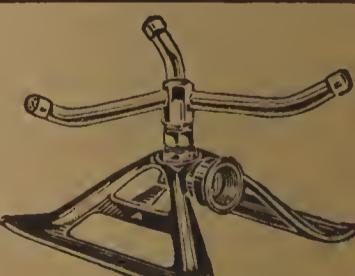
The best in fanning mills. We can supply in 2 sizes—No. 1-B, screens  $2\frac{1}{4}$  in. x 19 in., No. 2-B, screens  $2\frac{1}{4}$  in. x 25 in. Average capacity 20 bu. for No. 1-B. Price, No. 1-B, \$42.00; No. 2-B, \$47.50, both F. O. B. here.

## HOILAND WILD OAT SEPARATORS

The only machine that will take wild oats out of oats. Consists of a flannel lined drum over which the seed is run. Price, F. O. B. Bismarck or Fargo; small, \$35.00; large, \$50.00.

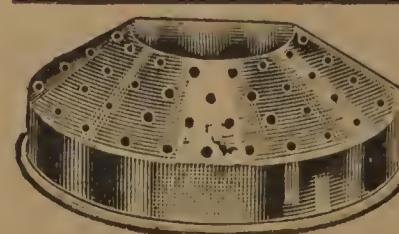
## DOLLAR REVOLVING SPRINKLER

A durable sprinkler with a wide, even distribution of water in a fine spray. Each, \$1.00; postpaid, \$1.10.



**SILVER SHOWER SPRINKLER.** Well and substantially built. 9 ft. long, as illustrated. F. O. B. here, each, \$8.00; 12 ft., each, \$8.50.

**NEW COTTON SEAMLESS**



## VICTOR HALF CIRCLE SPRINKLER

Designed for the small lawn or the edges of drives and sidewalks. The spray is all thrown to one side. Each, 50c; postpaid, 55c.

# Sprayers—Dusters—Seeders—Poultry Supplies



Prices on Repairs and Large Sprayers on Request

**ONE QUART GLASS JAR SPRAYER.** This is a substantially built and very satisfactory small machine. Price, F. O. B. Bismarck, 65c.

**No. 115 STERLING.** This is a well built machine with a capacity of  $3\frac{1}{2}$  gallons. Not quite as strongly built as the No. 210 but better than most of the ordinary articles on the market. Price, F. O. B. Bismarck, \$5.50.

**No. 210 PERFECTION.** This is an exceedingly well built knapsack sprayer with a capacity of four gallons. Reinforced galvanized tank. Price, \$6.50, F. O. B. Bismarck. With brass tank, price, \$9.75.

**No. 192 LEADER.** A  $3\frac{1}{4}$  gallon sprayer, with funnel top for ease in filling. A useful all purpose sprayer of fine construction. Price, F. O. B. Bismarck, \$3.25.

**No. 120 THRIFTY.** A  $2\frac{1}{4}$  gallon sprayer of smaller capacity, light in weight and easy to handle, yet strong and sturdy. Price, F. O. B. Bismarck, \$3.00.

**HANDY.** A small metal tank, quart size sprayer. Well made and tested. Price, each, 30c; postpaid, 40c.

**No. 432 CONTINUOUS.** A small continuous sprayer for the home and small garden. Handles fly oils, insecticides, etc. Capacity 1 qt. Price, 75c; postpaid, 85c.

**JUNIOR.** A smaller knapsack type; capacity  $2\frac{1}{2}$  gallons; built as sturdily in every way. Price, \$4.50, F.O.B. Bismarck. With brass tank, \$7.25.

**No. 665 MAJOR DUST GUN.** A low-priced mechanical dust distributor that gives good satisfaction. Built somewhat along the lines of the smaller sprayers. Price, F. O. B. Bismarck, 85c; postpaid, \$1.00.

**ROTO-POWER DUSTER No. 608.** Adapted for truck gardens, field crops, small orchards, etc. Widely used in the treatment of beans, potatoes, melons, etc. Capacity 5 pounds arsenate of lead or 17 lbs. Paris Green. Price, F. O. B. Bismarck, \$15.00.

**ACME HAND CORN PLANTER.** Plants one to five kernels per hill as desired. Price, \$2.25, F. O. B. Bismarck.

**WILL'S PIONEER LOUSE POWDER.**

## LOUSE POWDER



Pioneer  
Louse  
Powder

1 LB. CAN POSTPAID 32c

A very efficient product of our own preparation. For Poultry and Live stock

**"NEONSET" WATERPROOF GREEN PAPER FLOWER-POTS.** Just the thing for starting bedding and vegetable plants, etc. They make a fine cut worm guard as the paper is creosoted. Postpaid, 3-inch size, 25c per doz.; \$1.00 per 100; F. O. B. here, 1000, \$8.00.

**HARRIS READY - TO - USE LOCKED PLANT BANDS AND POTS.** The only really Ready-to-use bands on the market. No locks to put together, no tacks to drive, no folding of corners. They come already folded and set up.  $2\frac{1}{2} \times 2 \frac{1}{2}$  inches, package of 250, \$1.25, postpaid. Bands,  $3 \times 3 \times 3$  inches, package of 250, \$1.50, postpaid. Pots,  $3 \times 3 \times 3$  inches. Package of 250, \$1.75, postpaid.

**No. 134 KLEENEAZY BROODER.** Capacity 300 to 600 chicks. Burns kerosene or distillate. Dependable. Safe. Economical. 34 in. canopy. Price, without oil tank, F. O. B. Bismarck, \$11.25. With oil tank and stand, \$15.25.

**No. 148 KLEENEAZY BROODER.** Has 48 inch canopy. Recommended for 400 to 600 day-old chicks. Burns kerosene or distillate. Price, without oil tank and stand, F. O. B. Bismarck, \$15.50. With oil tank and stand \$16.50.

**No. 436 FEEDER.** 36 in. long, 4 blade reel. Rigid end stands, adjustable. Price, 65c; postpaid, 75c.

**B 25 DRINKING FOUNT.** For use with glass jar, pt., qt., or 2 quart. Postpaid, 20c; F. O. B. here, 15c; 3 for 35c.

**No. 2 CHICK FOUNTAIN.** 2 gallon. Snap-on Cupped Pan. Tank snaps securely into pan and whole fountain may be then carried full of water without spilling. Price, F. O. B. Bismarck, 80c.

**No. 224 CHICK FEEDER.** 24 inches long. With 4 blade reel, no danger to chick toes. Each, 25c; postpaid, 30c.

**No. 101 CHICK FEEDER.** 10 inches long. 2 sided reel. Each, 10c; postpaid, 15c.

**CHAMPION LEG BAND.** Aluminum. Numbered from 1 to 100. Price, sets of 25, 20c; sets of 100, 85c, postpaid.

**KEYRING LEG BANDS.** Different colors. Doz., 20c; 100, 80c, postpaid.

**POULTRY PEAT MOSS.** In response to frequent demand we are listing this excellent poultry litter. Price F. O. B. Bismarck, \$3.50 per bale.

**No. 39 POULTRY PUNCH.** Scissors type, works easily, cuts clean without bruising. One of the most satisfactory ways to mark your poultry, ten to fifteen markings using both feet are possible. Each, 55c, postpaid.

**BLACK LEAF 40.** Spray on roosts and destroy lice. Oz. bottle, 35c; 5 oz., \$1.00. F. O. B. Bismarck.

**WILL'S PIONEER LOUSE POWDER.** F. O. B. here, 25c. Postpaid, 32c.

**ACME POULTRY DELOUSER.** Paint it on the perches and it is effective for poultry lice, holding its effectiveness for several days. A 2 oz. tube is enough for 50 ft. of perches. Price, 2 oz. tube, 35c; postpaid, 40c.

**B-K ANTISEPTIC, DISINFECTANT, STERILIZER AND DEODORIZER.**

Use in treating drinking water for poultry, to disinfect houses, cure colds in poultry, etc. Price, powder,  $9\frac{1}{2}$  oz., 75c;  $1\frac{3}{4}$  lbs., \$1.50.

For Carbola disinfectant paint see page 75. Also for Sodium Fluoride powder for stock lice and roaches.

## LANG'S HAND WEEDER HANDIEST TOOL ON EARTH.

The ideal tool for the flower bed or small garden. A necessity to every gardener. Price, postpaid, 25c each; \$2.50 per doz.



## THE CYCLONE SEED SOWER

THE SOWER THAT SCATTERS EVENLY

To broadcast Grain, Grass and Clover Seed. Also to Seed Onions and Rutabaga. Full instructions and directions on every machine. Price, postpaid each, \$2.50; F. O. B. Bismarck, \$2.30.

# INDEX

Achillea . . . . .	67	Corn Salad . . . . .	15	Juneberry . . . . .	61	Red Poppy Mallow . . . . .	7, 68
Ageratum . . . . .	3, 55	Corn, Sweet . . . . .	22, 23	Juniper . . . . .	58, 59	Red Top . . . . .	53
Alfalfa . . . . .	54	Cosmos . . . . .	5	Kale . . . . .	14	Rhubarb . . . . .	1, 31, 69
Allium . . . . .	68	Cotoneaster . . . . .	62, 63	Kohl-rabi . . . . .	15	Ricinus . . . . .	8
Almond, Flowering . . . . .	61	Cottonwood . . . . .	59, 60	Larkspur . . . . .	1, 6, 67	Rodent Bait . . . . .	75
Alsiike . . . . .	52	Crab Apples . . . . .	60, 72	Lavatera . . . . .	7, 67	Roses . . . . .	64
Alyssum . . . . .	3, 55	Cranberry, High Bush . . . . .	62	Lavender . . . . .	27	Rosemary . . . . .	27
Amorpha . . . . .	68	Cress . . . . .	15	Lawn Grass . . . . .	53	Rose Moss . . . . .	8
Amur Tamarix . . . . .	61	Crested Wheat Grass . . . . .	53, 54	Lawn Supplies . . . . .	78	Russian Olive . . . . .	63
Anemone . . . . .	68	Cucumbers . . . . .	24, 25	Leek . . . . .	15	Rutabagas . . . . .	44
Anise . . . . .	27	Cucumber, Wild . . . . .	5	Lespedeza . . . . .	51	Rye . . . . .	52
Antirrhinum . . . . .	3	Cultivators . . . . .	78	Lettuce . . . . .	26, 27	Sage . . . . .	27
Apple Trees . . . . .	71, 72	Currants . . . . .	61, 62, 69	Lilac . . . . .	63	Salpiglossis . . . . .	9
Ash . . . . .	59, 60	Cut Flowers . . . . .	55	Lily . . . . .	67	Salsify . . . . .	40
Asparagus . . . . .	14, 69	Cypress Vine . . . . .	5	Lily-of-the-Valley . . . . .	67	Salvia . . . . .	9, 55
Asparagus Ferns . . . . .	55	Dahlia . . . . .	5, 56	Lima Beans . . . . .	13	Sand Cherry . . . . .	61, 73
Asters . . . . .	4, 55, 68	Daisy . . . . .	6, 55, 67	Linaria . . . . .	67	Scabiosa . . . . .	9
Atropaxis . . . . .	62	Daphne . . . . .	61	Linden . . . . .	60	Schizanthus . . . . .	9
Baby's Breath . . . . .	6, 67	Delphinium . . . . .	1, 6, 67	Linum . . . . .	7	Sea Holly . . . . .	67
Bachelor's Button . . . . .	4	Dianthus . . . . .	6, 67	Lobelia . . . . .	55	Sedum . . . . .	67
Balsam . . . . .	4	Digitalis . . . . .	5	Louse Powder . . . . .	79	Seeders . . . . .	78, 79
Barberry, Jap . . . . .	62	Dill . . . . .	27	Madeira Vine . . . . .	57	Seed Separator . . . . .	78
Barley . . . . .	52	Dogwood, Red . . . . .	61	Mallow—Red Poppy . . . . .	67	Seed Sower . . . . .	79
Basswood . . . . .	60	Drills . . . . .	78	Mangels . . . . .	16	Sheep Berry . . . . .	62
Beans . . . . .	1, 4, 12, 13, 14	Dusters . . . . .	79	Maple . . . . .	60	Siberian Elm . . . . .	59
Beans, Scarlet Runner . . . . .	4	Echinacea . . . . .	68	Marigold . . . . .	7	Siberian Flowering Almond . . . . .	61
Bedding Plants . . . . .	55	Eggplant . . . . .	15, 56	Meadow Fescue . . . . .	54	Siberian Pea Tree . . . . .	63
Beets . . . . .	16, 17	Elder . . . . .	62	Meadow Rue . . . . .	68	Silverberry . . . . .	61
Beets, Stock . . . . .	16	Elder, Red Berry . . . . .	62	Menispernum . . . . .	65	Snapdragon . . . . .	3, 55
Beets, Sugar . . . . .	16	Elm . . . . .	59, 60	Mertensia . . . . .	68	Snowball . . . . .	62
Begonia . . . . .	55	Emmer . . . . .	52	Mignonette . . . . .	7	Snow-on-the-Mountain . . . . .	9
Bellflower . . . . .	67	Endive . . . . .	15	Millet . . . . .	51	Sorghums . . . . .	51
Bent Grass . . . . .	53	Engelmann's Creeper . . . . .	65	Mint . . . . .	68	Soy Beans . . . . .	51
Birch . . . . .	60	English Ivy . . . . .	55	Monarda . . . . .	68	Spanish Bayonet . . . . .	68
Bittersweet . . . . .	65	Erigeron . . . . .	68	Morning Glory . . . . .	7	Speltz . . . . .	52
Blackberry Lily . . . . .	67	Eryngium . . . . .	67	Mountain Ash . . . . .	60	Spiderwort . . . . .	68
Blanket Flower . . . . .	6, 67	Euphorbia . . . . .	9	Mushroom Spawn . . . . .	15	Spinach . . . . .	40
Blazing Star . . . . .	68	Evergreens . . . . .	58	Muskmelons . . . . .	1, 30, 31	Snirea . . . . .	61
Bleeding Heart . . . . .	67	Feeds . . . . .	76	Mustard . . . . .	27	Sprayers . . . . .	79
Blue Grass . . . . .	53	Ferns . . . . .	55	Nasturtiums . . . . .	7	Sprinklers . . . . .	77, 78
Blue-eyed Grass . . . . .	68	Fertilizers . . . . .	77	Nigella . . . . .	7	Spruce . . . . .	58
Borecole . . . . .	14	Field Beans . . . . .	14	Nicotiana . . . . .	7	Squash . . . . .	40, 41
Bouncing Bet . . . . .	4, 67	Field Peas . . . . .	50	Nitragin . . . . .	77	Statice . . . . .	67
Box Elder . . . . .	59	Field Seeds . . . . .	50, 51, 52	Nursery Stock . . . . .	58-74	Stocks . . . . .	9
Broccoli . . . . .	15	Flax . . . . .	7, 52, 68	Oak . . . . .	60	Stock Beets . . . . .	16
Brome Grass . . . . .	54	Floral Designs . . . . .	55	Oats . . . . .	52	Strawberries . . . . .	70
Brussels Sprouts . . . . .	14	Flower Pots . . . . .	79	Okra . . . . .	15	Strawflower . . . . .	6
Buckthorn . . . . .	62, 63	Flowering Almond . . . . .	61	Onion Plants . . . . .	33	Sudan Grass . . . . .	51
Buckwheat . . . . .	50	Flowering Currant . . . . .	61	Onion Seed . . . . .	34, 35	Sugar Beet . . . . .	16
Buffalo Currant . . . . .	61	Flowering Plum . . . . .	61	Onion Sets . . . . .	33	Sumac . . . . .	62
Buffalo Grass . . . . .	53	Flower Seeds . . . . .	3-11	Oyster Plant . . . . .	40	Summer Cypress . . . . .	5
Buffalo or Bull Berry . . . . .	62	Forget-Me-Not . . . . .	6	Pansies . . . . .	7, 55	Sumner Savory . . . . .	27
Burning Bush . . . . .	5	Four O'clock . . . . .	6	Paper Flower Pots . . . . .	79	Sunflower . . . . .	9, 50, 68
Butter and Eggs . . . . .	67	Foxglove . . . . .	5	Parsley . . . . .	31	Sweet Clover . . . . .	54
Cabbage . . . . .	18, 19	Fungicides . . . . .	75	Parsnips . . . . .	29	Sweet Corn . . . . .	22, 23
Cabbage, Chinese . . . . .	19	Gaillardia . . . . .	6, 67	Pasque Flower . . . . .	68	Sweet Marjoram . . . . .	27
Cabbage Plants . . . . .	56	Garlic . . . . .	33	Pasture Mixture . . . . .	54	Sweet Peas . . . . .	10, 11, 67
Cactus . . . . .	68	Geranium . . . . .	6, 55	Pear . . . . .	70	Sweet Potatoes . . . . .	56
Calendula . . . . .	4	Gladiolus . . . . .	57	Peas . . . . .	36, 37	Sweet Sultan . . . . .	5
Calliopsis . . . . .	4	Golden Glow . . . . .	67	Peas, Field . . . . .	50	Sweet William . . . . .	9, 67
Campanula . . . . .	4, 67	Goldenrod . . . . .	68	Pentstemon . . . . .	7, 66	Swiss Chard . . . . .	17
Canary Bird Flower . . . . .	4	Gooseberries . . . . .	69	Peonies . . . . .	65	Tamarix . . . . .	61
Candytuft . . . . .	4	Gourds . . . . .	6	Peppers . . . . .	28, 56	Tansy . . . . .	67
Cane . . . . .	51	Grapes . . . . .	70	Perennials . . . . .	66-70	Tartarian Bush Honey-suckle . . . . .	61
Canna . . . . .	56	Grass Seed . . . . .	53, 54	Petunias . . . . .	8, 55	Thermopsis . . . . .	68
Canterbury Bells . . . . .	4	Greenhouse Dept. . . . .	55-57	Phlox . . . . .	8, 67, 68	Thornapple . . . . .	62
Carbola Paint . . . . .	75	Ground Cherry . . . . .	42, 56	Pieplant . . . . .	1, 31, 69	Thyme . . . . .	27
Caragana . . . . .	62, 63	Gutierrezia . . . . .	68	Pink Coneflower . . . . .	68	Tickseed . . . . .	4
Caraway . . . . .	27	Gumbo Lily . . . . .	68	Pioneer Poultry Feed . . . . .	76	Tiger Lily . . . . .	67
Carnation . . . . .	4	Gypsophila . . . . .	6, 67	Pine . . . . .	58	Timothy . . . . .	54
Carrots . . . . .	20, 21	Hackberry . . . . .	60	Plant Bands . . . . .	79	Tomatoes . . . . .	1, 42, 43, 44, 56
Castor Beans . . . . .	8	Hand Weeder . . . . .	79	Plant Food . . . . .	77	Turnips . . . . .	44
Catnip . . . . .	27	Hawthorn . . . . .	62	Planting Table . . . . .	11	Vegetable Plants . . . . .	56
Cauliflower . . . . .	21, 56	Hazelnut . . . . .	69	Platycodon . . . . .	67	Verbena . . . . .	9, 55
Cedar . . . . .	58	Helianthus . . . . .	9, 68	Plums and Plum Hybrids . . . . .	74	Virginia Creeper . . . . .	65
Celeriac . . . . .	28	Helichrysum . . . . .	6	Pop Corn . . . . .	25	Vinca Vines . . . . .	55
Celery . . . . .	28, 56	Heliotrope . . . . .	6	Poplar . . . . .	60	Vines . . . . .	65
Celosia . . . . .	5	Hemerocallis . . . . .	67	Poppies . . . . .	8, 68	Violets . . . . .	68
Centaurea . . . . .	5	Herbs . . . . .	27	Portulaca . . . . .	8	Walnut . . . . .	60
Chard, Swiss . . . . .	17	Hollyhock . . . . .	6, 67	Postal Rates . . . . .	2	Water Gardening . . . . .	28
Cherries and Cherry Hybrids . . . . .	61, 73	Honeysuckle . . . . .	61	Potatoes . . . . .	51	Water Lettuce . . . . .	55
Chewings Fescue . . . . .	53	Hop Vine . . . . .	65	Potato Eyes . . . . .	51	Water Lily . . . . .	55
Chicory . . . . .	15	Hopa Flowering Crab . . . . .	60	Potentilla . . . . .	62	Water Plants . . . . .	55
Chinese Elm . . . . .	59	Horehound . . . . .	27	Poultry Feeds . . . . .	76	Watermelon . . . . .	32, 33
Chinese Lantern Plant . . . . .	5	Horseradish . . . . .	69	Poultry Supplies . . . . .	79	Wheat Grass . . . . .	54
Chinese Matrimony Vine . . . . .	65	Horse Chestnut . . . . .	60	Prairie Clover . . . . .	68	Wheat . . . . .	52
Chinese Woolflower . . . . .	5	Hose . . . . .	78	Prairie Coneflower . . . . .	68	Wild Cucumber . . . . .	5
Chives . . . . .	67, 15	Hose Nozzle . . . . .	78	Prairie Rose . . . . .	64	Willow . . . . .	60
Chrysanthemum . . . . .	5	Hot Kaps . . . . .	14	Primrose . . . . .	8, 68	Window Box . . . . .	77
Citron . . . . .	32	Hyacinth, Water . . . . .	55	Prunsepia Sinensis . . . . .	62	Wonderberry . . . . .	42
Clarkia . . . . .	5	Hybrid Rugosa Roses . . . . .	64	Pruning Shears . . . . .	78	Woodbine . . . . .	



**\$1.00**  
**WILL'S ARISTOCRAT**  
**GLADIOLUS**  
**COLLECTION**

**20 Prize Winner Bulbs**

The new colors and types. Large—Thrip-free—bulbs labeled by variety. See page 57 for details.

\$1.58 value for \$1.00



**CHINESE OR SIBERIAN ELM**

Fastest Growing Hedge and Shelter Belt Tree—Page 59 for Prices and Description.



**BANQUET SQUASH**—DELICIOUS AND PROLIFIC. See Page 41. Fkt., 8c; oz., 15c.



**CHIPMAN'S LAKE CHAMPLAIN**  
A Very Early, High Quality Muskmelon. See Page 30. Pkt., 10c; oz., 20c.



**EXTRA EARLY SIBERIAN CUCUMBER**—EARLIEST and HARDEST. See Page 24. Pkt., 10c; oz., 35c.

# Will's DOLLAR HOME GARDEN COLLECTION

Planned for a garden 25x50 feet in 25-foot rows. Amount, variety, space required, distance between rows, and prices are shown in the following:

1/2 lb. Improved Golden Wax Beans, 2 rows, 18 inches	\$0.20	1 pkt. Improved Guernsey Parsnip, 1 row, 18 inches.	.05
1 oz. Will's Improved Beet, 2 rows, 18 inches	.10	1/2 lb. Bliss Everbearing Peas, 2 rows, 2 feet	.20
1 pkt. Copenhagen Market Cabbage, 1 row, 2 feet	.05	1/2 lb. Laxton's Progress Peas, 2 rows, 2 feet	.20
2 pkts. Danvers Half-Long Carrot, 2 rows, 18 inches	.10	1 oz. Will's Early Carmine Radish, 2 rows, 1 foot	.10
1/4 lb. Golden Bantam Sweet Corn, 4 rows, 2 1/2 feet	.10	1 pkt. Lucullus Swiss Chard, 1 row, 18 inches	.05
1 pkt. Early Fortune Cucumber, 1 row, 3 feet	.05	1 pkt. Bison Tomato, 1 row, 4 feet	.10
2 pkts. Lettuce (1 Leaf, 1 Head), 1 row, 1 foot	.10	VALUE IF ORDERED SEPARATELY	\$1.50 POSTPAID
2 pkts. Will's Dakota Globe Onion, 2 rows, 18 inches	.10		

**\$100**



**OSCAR H. WILL & COMPANY**  
BISMARCK, NORTH DAKOTA